

San Gabriel Valley Water Company

**2010 Urban Water Management Plan
Update**

APPENDICES

APPENDIX A

URBAN WATER MANAGEMENT PLANNING ACT

Established: AB 797, Klehs, 1983
Amended: AB 2661, Klehs, 1990
 AB 11X, Filante, 1991
 AB 1869, Speier, 1991
 AB 892, Frazee, 1993
SB 1017, McCorquodale, 1994
 AB 2853, Cortese, 1994
 AB 1845, Cortese, 1995
 SB 1011, Polanco, 1995
 AB 2552, Bates, 2000
 SB 553, Kelley, 2000
 SB 610, Costa, 2001
 AB 901, Daucher, 2001
 SB 672, Machado, 2001
 SB 1348, Brulte, 2002
 SB 1384, Costa, 2002
 SB 1518, Torlakson, 2002
 AB 105, Wiggins, 2004
 SB 318, Alpert, 2004
 SB 1087, Florez, 2005
SBX7 7, Steinberg, 2009

CALIFORNIA WATER CODE DIVISION 6 PART 2.6. URBAN WATER MANAGEMENT PLANNING

CHAPTER 1. GENERAL DECLARATION AND POLICY

10610. This part shall be known and may be cited as the "Urban Water Management Planning Act."

10610.2. (a) The Legislature finds and declares all of the following:

- (1) The waters of the state are a limited and renewable resource subject to ever-increasing demands.
- (2) The conservation and efficient use of urban water supplies are of statewide concern; however, the planning for that use and the implementation of those plans can best be accomplished at the local level.
- (3) A long-term, reliable supply of water is essential to protect the productivity of California's businesses and economic climate.

- (4) As part of its long-range planning activities, every urban water supplier should make every effort to ensure the appropriate level of reliability in its water service sufficient to meet the needs of its various categories of customers during normal, dry, and multiple dry water years.
 - (5) Public health issues have been raised over a number of contaminants that have been identified in certain local and imported water supplies.
 - (6) Implementing effective water management strategies, including groundwater storage projects and recycled water projects, may require specific water quality and salinity targets for meeting groundwater basins water quality objectives and promoting beneficial use of recycled water.
 - (7) Water quality regulations are becoming an increasingly important factor in water agencies' selection of raw water sources, treatment alternatives, and modifications to existing treatment facilities.
 - (8) Changes in drinking water quality standards may also impact the usefulness of water supplies and may ultimately impact supply reliability.
 - (9) The quality of source supplies can have a significant impact on water management strategies and supply reliability.
- (b) This part is intended to provide assistance to water agencies in carrying out their long-term resource planning responsibilities to ensure adequate water supplies to meet existing and future demands for water.

10610.4. The Legislature finds and declares that it is the policy of the state as follows:

- (a) The management of urban water demands and efficient use of water shall be actively pursued to protect both the people of the state and their water resources.
- (b) The management of urban water demands and efficient use of urban water supplies shall be a guiding criterion in public decisions.
- (c) Urban water suppliers shall be required to develop water management plans to actively pursue the efficient use of available supplies.

CHAPTER 2. DEFINITIONS

10611. Unless the context otherwise requires, the definitions of this chapter govern the construction of this part.

10611.5. "Demand management" means those water conservation measures, programs, and incentives that prevent the waste of water and promote the reasonable and efficient use and reuse of available supplies.

10612. "Customer" means a purchaser of water from a water supplier who uses the water for municipal purposes, including residential, commercial, governmental, and industrial uses.

10613. "Efficient use" means those management measures that result in the most effective use of water so as to prevent its waste or unreasonable use or unreasonable method of use.

10614. "Person" means any individual, firm, association, organization, partnership, business, trust, corporation, company, public agency, or any agency of such an entity.

10615. "Plan" means an urban water management plan prepared pursuant to this part. A plan shall describe and evaluate sources of supply, reasonable and practical efficient uses, reclamation and demand management activities. The components of the plan may vary according to an individual community or area's characteristics and its capabilities to efficiently use and conserve water. The plan shall address measures for residential, commercial, governmental, and industrial water demand management as set forth in Article 2 (commencing with Section 10630) of Chapter 3. In addition, a strategy and time schedule for implementation shall be included in the plan.

10616. "Public agency" means any board, commission, county, city and county, city, regional agency, district, or other public entity.

10616.5. "Recycled water" means the reclamation and reuse of wastewater for beneficial use.

10617. "Urban water supplier" means a supplier, either publicly or privately owned, providing water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually. An urban water supplier includes a supplier or contractor for water, regardless of the basis of right, which distributes or sells for ultimate resale to customers. This part applies only to water supplied from public water systems subject to Chapter 4 (commencing with Section 116275) of Part 12 of Division 104 of the Health and Safety Code.

CHAPTER 3. URBAN WATER MANAGEMENT PLANS

Article 1. General Provisions

10620.

- (a) Every urban water supplier shall prepare and adopt an urban water management plan in the manner set forth in Article 3 (commencing with Section 10640).
- (b) Every person that becomes an urban water supplier shall adopt an urban water management plan within one year after it has become an urban water supplier.
- (c) An urban water supplier indirectly providing water shall not include planning elements in its water management plan as provided in Article 2 (commencing with Section 10630) that would be applicable to urban water suppliers or public agencies directly providing water, or to their customers, without the consent of those suppliers or public agencies.
- (d)
 - (1) An urban water supplier may satisfy the requirements of this part by participation in areawide, regional, watershed, or basinwide urban water management planning where those plans will reduce preparation costs and contribute to the achievement of conservation and efficient water use.
 - (2) Each urban water supplier shall coordinate the preparation of its plan with other appropriate agencies in the area, including other water suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.
- (e) The urban water supplier may prepare the plan with its own staff, by contract, or in cooperation with other governmental agencies.
- (f) An urban water supplier shall describe in the plan water management tools and options used by that entity that will maximize resources and minimize the need to import water from other regions.

10621.

- (a) Each urban water supplier shall update its plan at least once every five years on or before December 31, in years ending in five and zero.
- (b) Every urban water supplier required to prepare a plan pursuant to this part shall notify any city or county within which the supplier provides water supplies that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan. The urban water supplier may consult with, and obtain comments from, any city or county that receives notice pursuant to this subdivision.
- (c) The amendments to, or changes in, the plan shall be adopted and filed in the manner set forth in Article 3 (commencing with Section 10640).

Article 2. Contents of Plans

10630. It is the intention of the Legislature, in enacting this part, to permit levels of water management planning commensurate with the numbers of customers served and the volume of water supplied.

10631. A plan shall be adopted in accordance with this chapter and shall do all of the following:

- (a) Describe the service area of the supplier, including current and projected population, climate, and other demographic factors affecting the supplier's water management planning. The projected population estimates shall be based upon data from the state, regional, or local service agency population projections within the service area of the urban water supplier and shall be in five-year increments to 20 years or as far as data is available.
- (b) Identify and quantify, to the extent practicable, the existing and planned sources of water available to the supplier over the same five-year increments described in subdivision (a). If groundwater is identified as an existing or planned source of water available to the supplier, all of the following information shall be included in the plan:
 - (1) A copy of any groundwater management plan adopted by the urban water supplier, including plans adopted pursuant to Part 2.75 (commencing with Section 10750), or any other specific authorization for groundwater management.
 - (2) A description of any groundwater basin or basins from which the urban water supplier pumps groundwater. For those basins for which a court or the board has adjudicated the rights to pump groundwater, a copy of the order or decree adopted by the court or the board and a description of the amount of groundwater the urban water supplier has the legal right to pump under the order or decree.

For basins that have not been adjudicated, information as to whether the department has identified the basin or basins as overdrafted or has projected that the basin will become overdrafted if present management conditions continue, in the most current official departmental bulletin that characterizes the condition of the groundwater basin, and a detailed description of the efforts being undertaken by the urban water supplier to eliminate the long-term overdraft condition.
 - (3) A detailed description and analysis of the location, amount, and sufficiency of groundwater pumped by the urban water supplier for the

past five years. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.

- (4) A detailed description and analysis of the amount and location of groundwater that is projected to be pumped by the urban water supplier. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.
- (c) Describe the reliability of the water supply and vulnerability to seasonal or climatic shortage, to the extent practicable, and provide data for each of the following:
 - (1) An average water year.
 - (2) A single dry water year.
 - (3) Multiple dry water years.

For any water source that may not be available at a consistent level of use, given specific legal, environmental, water quality, or climatic factors, describe plans to supplement or replace that source with alternative sources or water demand management measures, to the extent practicable.

- (d) Describe the opportunities for exchanges or transfers of water on a short-term or long-term basis.
- (e)
 - (1) Quantify, to the extent records are available, past and current water use, over the same five-year increments described in subdivision (a), and projected water use, identifying the uses among water use sectors including, but not necessarily limited to, all of the following uses:
 - (A) Single-family residential.
 - (B) Multifamily.
 - (C) Commercial.
 - (D) Industrial.
 - (E) Institutional and governmental.
 - (F) Landscape.
 - (G) Sales to other agencies.
 - (H) Saline water intrusion barriers, groundwater recharge, or conjunctive use, or any combination thereof.
 - (I) Agricultural.

- (2) The water use projections shall be in the same five-year increments described in subdivision (a).
- (f) Provide a description of the supplier's water demand management measures. This description shall include all of the following:
 - (1) A description of each water demand management measure that is currently being implemented, or scheduled for implementation, including the steps necessary to implement any proposed measures, including, but not limited to, all of the following:
 - (A) Water survey programs for single-family residential and multifamily residential customers.
 - (B) Residential plumbing retrofit.
 - (C) System water audits, leak detection, and repair.
 - (D) Metering with commodity rates for all new connections and retrofit of existing connections.
 - (E) Large landscape conservation programs and incentives.
 - (F) High-efficiency washing machine rebate programs.
 - (G) Public information programs.
 - (H) School education programs.
 - (I) Conservation programs for commercial, industrial, and institutional accounts.
 - (J) Wholesale agency programs.
 - (K) Conservation pricing.
 - (L) Water conservation coordinator.
 - (M) Water waste prohibition.
 - (N) Residential ultra-low-flush toilet replacement programs.
 - (2) A schedule of implementation for all water demand management measures proposed or described in the plan.

- (3) A description of the methods, if any, that the supplier will use to evaluate the effectiveness of water demand management measures implemented or described under the plan.
 - (4) An estimate, if available, of existing conservation savings on water use within the supplier's service area, and the effect of the savings on the supplier's ability to further reduce demand.
- (g) An evaluation of each water demand management measure listed in paragraph (1) of subdivision (f) that is not currently being implemented or scheduled for implementation. In the course of the evaluation, first consideration shall be given to water demand management measures, or combination of measures, that offer lower incremental costs than expanded or additional water supplies. This evaluation shall do all of the following:
- (1) Take into account economic and noneconomic factors, including environmental, social, health, customer impact, and technological factors.
 - (2) Include a cost-benefit analysis, identifying total benefits and total costs.
 - (3) Include a description of funding available to implement any planned water supply project that would provide water at a higher unit cost.
 - (4) Include a description of the water supplier's legal authority to implement the measure and efforts to work with other relevant agencies to ensure the implementation of the measure and to share the cost of implementation.
- (h) Include a description of all water supply projects and water supply programs that may be undertaken by the urban water supplier to meet the total projected water use as established pursuant to subdivision (a) of Section 10635. The urban water supplier shall include a detailed description of expected future projects and programs, other than the demand management programs identified pursuant to paragraph (1) of subdivision (f), that the urban water supplier may implement to increase the amount of the water supply available to the urban water supplier in average, single-dry, and multiple-dry water years. The description shall identify specific projects and include a description of the increase in water supply that is expected to be available from each project. The description shall include an estimate with regard to the implementation timeline for each project or program.

- (i) Describe the opportunities for development of desalinated water, including, but not limited to, ocean water, brackish water, and groundwater, as a long-term supply.
- (j) Urban water suppliers that are members of the California Urban Water Conservation Council and submit annual reports to that council in accordance with the "Memorandum of Understanding Regarding Urban Water Conservation in California," dated September 1991, may submit the annual reports identifying water demand management measures currently being implemented, or scheduled for implementation, to satisfy the requirements of subdivisions (f) and (g).
- (k) Urban water suppliers that rely upon a wholesale agency for a source of water, shall provide the wholesale agency with water use projections from that agency for that source of water in five-year increments to 20 years or as far as data is available. The wholesale agency shall provide information to the urban water supplier for inclusion in the urban water supplier's plan that identifies and quantifies, to the extent practicable, the existing and planned sources of water as required by subdivision (b), available from the wholesale agency to the urban water supplier over the same five-year increments, and during various water-year types in accordance with subdivision (c). An urban water supplier may rely upon water supply information provided by the wholesale agency in fulfilling the plan informational requirements of subdivisions (b) and (c), including, but not limited to, ocean water, brackish water, and groundwater, as a long-term supply.

10631.5. The department shall take into consideration whether the urban water supplier is implementing or scheduled for implementation, the water demand management activities that the urban water supplier identified in its urban water management plan, pursuant to Section 10631, in evaluating applications for grants and loans made available pursuant to Section 79163. The urban water supplier may submit to the department copies of its annual reports and other relevant documents to assist the department in determining whether the urban water supplier is implementing or scheduling the implementation of water demand management activities.

10632. The plan shall provide an urban water shortage contingency analysis which includes each of the following elements which are within the authority of the urban water supplier:

- (a) Stages of action to be undertaken by the urban water supplier in response to water supply shortages, including up to a 50 percent reduction in water supply, and an outline of specific water supply conditions which are applicable to each stage.

- (b) An estimate of the minimum water supply available during each of the next three water years based on the driest three-year historic sequence for the agency's water supply.
- (c) Actions to be undertaken by the urban water supplier to prepare for, and implement during, a catastrophic interruption of water supplies including, but not limited to, a regional power outage, an earthquake, or other disaster.
- (d) Additional, mandatory prohibitions against specific water use practices during water shortages, including, but not limited to, prohibiting the use of potable water for street cleaning.
- (e) Consumption reduction methods in the most restrictive stages. Each urban water supplier may use any type of consumption reduction methods in its water shortage contingency analysis that would reduce water use, are appropriate for its area, and have the ability to achieve a water use reduction consistent with up to a 50 percent reduction in water supply.
- (f) Penalties or charges for excessive use, where applicable.
- (g) An analysis of the impacts of each of the actions and conditions described in subdivisions (a) to (f), inclusive, on the revenues and expenditures of the urban water supplier, and proposed measures to overcome those impacts, such as the development of reserves and rate adjustments.
- (h) A draft water shortage contingency resolution or ordinance.
- (i) A mechanism for determining actual reductions in water use pursuant to the urban water shortage contingency analysis.

10633. The plan shall provide, to the extent available, information on recycled water and its potential for use as a water source in the service area of the urban water supplier. The preparation of the plan shall be coordinated with local water, wastewater, groundwater, and planning agencies that operate within the supplier's service area, and shall include all of the following:

- (a) A description of the wastewater collection and treatment systems in the supplier's service area, including a quantification of the amount of wastewater collected and treated and the methods of wastewater disposal.
- (b) A description of the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.

- (c) A description of the recycled water currently being used in the supplier's service area, including, but not limited to, the type, place, and quantity of use.
- (d) A description and quantification of the potential uses of recycled water, including, but not limited to, agricultural irrigation, landscape irrigation, wildlife habitat enhancement, wetlands, industrial reuse, groundwater recharge, and other appropriate uses, and a determination with regard to the technical and economic feasibility of serving those uses.
- (e) The projected use of recycled water within the supplier's service area at the end of 5, 10, 15, and 20 years, and a description of the actual use of recycled water in comparison to uses previously projected pursuant to this subdivision.
- (f) A description of actions, including financial incentives, which may be taken to encourage the use of recycled water, and the projected results of these actions in terms of acre-feet of recycled water used per year.
- (g) A plan for optimizing the use of recycled water in the supplier's service area, including actions to facilitate the installation of dual distribution systems, to promote recirculating uses, to facilitate the increased use of treated wastewater that meets recycled water standards, and to overcome any obstacles to achieving that increased use.

10634. The plan shall include information, to the extent practicable, relating to the quality of existing sources of water available to the supplier over the same five-year increments as described in subdivision (a) of Section 10631, and the manner in which water quality affects water management strategies and supply reliability.

Article 2.5 Water Service Reliability

10635.

- (a) Every urban water supplier shall include, as part of its urban water management plan, an assessment of the reliability of its water service to its customers during normal, dry, and multiple dry water years. This water supply and demand assessment shall compare the total water supply sources available to the water supplier with the total projected water use over the next 20 years, in five-year increments, for a normal water year, a single dry water year, and multiple dry water years. The water service reliability assessment shall be based upon the information compiled

pursuant to Section 10631, including available data from state, regional, or local agency population projections within the service area of the urban water supplier.

- (b) The urban water supplier shall provide that portion of its urban water management plan prepared pursuant to this article to any city or county within which it provides water supplies no later than 60 days after the submission of its urban water management plan.
- (c) Nothing in this article is intended to create a right or entitlement to water service or any specific level of water service.
- (d) Nothing in this article is intended to change existing law concerning an urban water supplier's obligation to provide water service to its existing customers or to any potential future customers.

Article 3. Adoption and Implementation of Plans

10640. Every urban water supplier required to prepare a plan pursuant to this part shall prepare its plan pursuant to Article 2 (commencing with Section 10630).

The supplier shall likewise periodically review the plan as required by Section 10621, and any amendments or changes required as a result of that review shall be adopted pursuant to this article.

10641. An urban water supplier required to prepare a plan may consult with, and obtain comments from, any public agency or state agency or any person who has special expertise with respect to water demand management methods and techniques.

10642. Each urban water supplier shall encourage the active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan. Prior to adopting a plan, the urban water supplier shall make the plan available for public inspection and shall hold a public hearing thereon. Prior to the hearing, notice of the time and place of hearing shall be published within the jurisdiction of the publicly owned water supplier pursuant to Section 6066 of the Government Code. The urban water supplier shall provide notice of the time and place of hearing to any city or county within which the supplier provides water supplies. A privately owned water supplier shall provide an equivalent notice within its service area. After the hearing, the plan shall be adopted as prepared or as modified after the hearing.

10643. An urban water supplier shall implement its plan adopted pursuant to this chapter in accordance with the schedule set forth in its plan.

10644.

- (a) An urban water supplier shall file with the department and any city or county within which the supplier provides water supplies a copy of its plan no later than 30 days after adoption. Copies of amendments or changes to the plans shall be filed with the department and any city or county within which the supplier provides water supplies within 30 days after adoption.
- (b) The department shall prepare and submit to the Legislature, on or before December 31, in the years ending in six and one, a report summarizing the status of the plans adopted pursuant to this part. The report prepared by the department shall identify the outstanding elements of the individual plans. The department shall provide a copy of the report to each urban water supplier that has filed its plan with the department. The department shall also prepare reports and provide data for any legislative hearings designed to consider the effectiveness of plans submitted pursuant to this part.

10645. Not later than 30 days after filing a copy of its plan with the department, the urban water supplier and the department shall make the plan available for public review during normal business hours.

CHAPTER 4. MISCELLANEOUS PROVISIONS

10650. Any actions or proceedings to attack, review, set aside, void, or annul the acts or decisions of an urban water supplier on the grounds of noncompliance with this part shall be commenced as follows:

- (a) An action or proceeding alleging failure to adopt a plan shall be commenced within 18 months after that adoption is required by this part.
- (b) Any action or proceeding alleging that a plan, or action taken pursuant to the plan, does not comply with this part shall be commenced within 90 days after filing of the plan or amendment thereto pursuant to Section 10644 or the taking of that action.

10651. In any action or proceeding to attack, review, set aside, void, or annul a plan, or an action taken pursuant to the plan by an urban water supplier on the grounds of noncompliance with this part, the inquiry shall extend only to whether there was a prejudicial abuse of discretion. Abuse of discretion is established if the supplier has not proceeded in a manner required by law or if the action by the water supplier is not supported by substantial evidence.

10652. The California Environmental Quality Act (Division 13 (commencing with Section 21000) of the Public Resources Code) does not apply to the preparation and adoption of plans pursuant to this part or to the implementation of actions taken pursuant to Section 10632. Nothing in this part shall be interpreted as exempting from the California Environmental Quality Act any project that would significantly affect water

supplies for fish and wildlife, or any project for implementation of the plan, other than projects implementing Section 10632, or any project for expanded or additional water supplies.

10653. The adoption of a plan shall satisfy any requirements of state law, regulation, or order, including those of the State Water Resources Control Board and the Public Utilities Commission, for the preparation of water management plans or conservation plans; provided, that if the State Water Resources Control Board or the Public Utilities Commission requires additional information concerning water conservation to implement its existing authority, nothing in this part shall be deemed to limit the board or the commission in obtaining that information. The requirements of this part shall be satisfied by any urban water demand management plan prepared to meet federal laws or regulations after the effective date of this part, and which substantially meets the requirements of this part, or by any existing urban water management plan which includes the contents of a plan required under this part.

10654. An urban water supplier may recover in its rates the costs incurred in preparing its plan and implementing the reasonable water conservation measures included in the plan. Any best water management practice that is included in the plan that is identified in the "Memorandum of Understanding Regarding Urban Water Conservation in California" is deemed to be reasonable for the purposes of this section.

10655. If any provision of this part or the application thereof to any person or circumstances is held invalid, that invalidity shall not affect other provisions or applications of this part which can be given effect without the invalid provision or application thereof, and to this end the provisions of this part are severable.

10656. An urban water supplier that does not prepare, adopt, and submit its urban water management plan to the department in accordance with this part, is ineligible to receive funding pursuant to Division 24 (commencing with Section 78500) or Division 26 (commencing with Section 79000), or receive drought assistance from the state until the urban water management plan is submitted pursuant to this article.

10657.

- (a) The department shall take into consideration whether the urban water supplier has submitted an updated urban water management plan that is consistent with Section 10631, as amended by the act that adds this section, in determining whether the urban water supplier is eligible for funds made available pursuant to any program administered by the department.
- (b) This section shall remain in effect only until January 1, 2006, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2006, deletes or extends that date.

APPENDIX B

WATER CONSERVATION BILL OF 2009

Section L: California Water Code, Division 6, Part 2.55: Water Conservation

The following sections of California Water Code Division 6, Part 2.55, are available online at <http://www.leginfo.ca.gov/calaw.html>.

Chapter 1. General Declarations and Policy	§10608-10608.8
Chapter 2. Definitions	§10608.12
Chapter 3. Urban Retail Water Suppliers	§10608.16-10608.44

Legislative Counsel's Digest

Senate Bill No. 7 Chapter 4

An act to amend and repeal Section 10631.5 of, to add Part 2.55 (commencing with Section 10608) to Division 6 of, and to repeal and add Part 2.8 (commencing with Section 10800) of Division 6 of, the Water Code, relating to water.

[Approved by Governor November 10, 2009. Filed with Secretary of State November 10, 2009.]

Legislative Counsel's Digest

SB 7, Steinberg. Water conservation.

(1) Existing law requires the Department of Water Resources to convene an independent technical panel to provide information to the department and the Legislature on new demand management measures, technologies, and approaches. “Demand management measures” means those water conservation measures, programs, and incentives that prevent the waste of water and promote the reasonable and efficient use and reuse of available supplies.

This bill would require the state to achieve a 20% reduction in urban per capita water use in California by December 31, 2020. The state would be required to make incremental progress towards this goal by reducing per capita water use by at least 10% on or before December 31, 2015. The bill would require each urban retail water supplier to develop urban water use targets and an interim urban water use target, in accordance with specified requirements. The bill would require agricultural water suppliers to implement efficient water management practices. The bill would require the department, in consultation with other state agencies, to develop a single standardized water use reporting form. The bill, with certain exceptions, would provide that urban retail water suppliers, on and after July 1, 2016, and agricultural water suppliers, on and after July 1, 2013, are not eligible for state water grants or loans unless they comply with the water conservation requirements established by the bill. The bill would repeal, on July 1, 2016, an existing requirement that conditions

eligibility for certain water management grants or loans to an urban water supplier on the implementation of certain water demand management measures.

(2) Existing law, until January 1, 1993, and thereafter only as specified, requires certain agricultural water suppliers to prepare and adopt water management plans.

This bill would revise existing law relating to agricultural water management planning to require agricultural water suppliers to prepare and adopt agricultural water management plans with specified components on or before December 31, 2012, and update those plans on or before December 31, 2015, and on or before December 31 every 5 years thereafter. An agricultural water supplier that becomes an agricultural water supplier after December 31, 2012, would be required to prepare and adopt an agricultural water management plan within one year after becoming an agricultural water supplier. The agricultural water supplier would be required to notify each city or county within which the supplier provides water supplies with regard to the preparation or review of the plan. The bill would require the agricultural water supplier to submit copies of the plan to the department and other specified entities. The bill would provide that an agricultural water supplier is not eligible for state water grants or loans unless the supplier complies with the water management planning requirements established by the bill.

(3) The bill would take effect only if SB 1 and SB 6 of the 2009–10 7th Extraordinary Session of the Legislature are enacted and become effective.

The people of the State of California do enact as follows:

SECTION 1. Part 2.55 (commencing with Section 10608) is added to Division 6 of the Water Code, to read:

Part 2.55. Sustainable Water Use and Demand Reduction

Chapter 1. General Declarations and Policy

10608. The Legislature finds and declares all of the following:

- (a) Water is a public resource that the California Constitution protects against waste and unreasonable use.
- (b) Growing population, climate change, and the need to protect and grow California's economy while protecting and restoring our fish and wildlife habitats make it essential that the state manage its water resources as efficiently as possible.
- (c) Diverse regional water supply portfolios will increase water supply reliability and reduce dependence on the Delta.

- (d) Reduced water use through conservation provides significant energy and environmental benefits, and can help protect water quality, improve streamflows, and reduce greenhouse gas emissions.
- (e) The success of state and local water conservation programs to increase efficiency of water use is best determined on the basis of measurable outcomes related to water use or efficiency.
- (f) Improvements in technology and management practices offer the potential for increasing water efficiency in California over time, providing an essential water management tool to meet the need for water for urban, agricultural, and environmental uses.
- (g) The Governor has called for a 20 percent per capita reduction in urban water use statewide by 2020.
- (h) The factors used to formulate water use efficiency targets can vary significantly from location to location based on factors including weather, patterns of urban and suburban development, and past efforts to enhance water use efficiency.
- (i) Per capita water use is a valid measure of a water provider's efforts to reduce urban water use within its service area. However, per capita water use is less useful for measuring relative water use efficiency between different water providers. Differences in weather, historical patterns of urban and suburban development, and density of housing in a particular location need to be considered when assessing per capita water use as a measure of efficiency.

10608.4. It is the intent of the Legislature, by the enactment of this part, to do all of the following:

- (a) Require all water suppliers to increase the efficiency of use of this essential resource.
- (b) Establish a framework to meet the state targets for urban water conservation identified in this part and called for by the Governor.
- (c) Measure increased efficiency of urban water use on a per capita basis.
- (d) Establish a method or methods for urban retail water suppliers to determine targets for achieving increased water use efficiency by the year 2020, in accordance with the Governor's goal of a 20-percent reduction.
- (e) Establish consistent water use efficiency planning and implementation standards for urban water suppliers and agricultural water suppliers.

- (f) Promote urban water conservation standards that are consistent with the California Urban Water Conservation Council's adopted best management practices and the requirements for demand management in Section 10631.
- (g) Establish standards that recognize and provide credit to water suppliers that made substantial capital investments in urban water conservation since the drought of the early 1990s.
- (h) Recognize and account for the investment of urban retail water suppliers in providing recycled water for beneficial uses.
- (i) Require implementation of specified efficient water management practices for agricultural water suppliers.
- (j) Support the economic productivity of California's agricultural, commercial, and industrial sectors.
- (k) Advance regional water resources management.

10608.8.

- (a) (1) Water use efficiency measures adopted and implemented pursuant to this part or Part 2.8 (commencing with Section 10800) are water conservation measures subject to the protections provided under Section 1011.
- (2) Because an urban agency is not required to meet its urban water use target until 2020 pursuant to subdivision (b) of Section 10608.24, an urban retail water supplier's failure to meet those targets shall not establish a violation of law for purposes of any state administrative or judicial proceeding prior to January 1, 2021. Nothing in this paragraph limits the use of data reported to the department or the board in litigation or an administrative proceeding. This paragraph shall become inoperative on January 1, 2021.
- (3) To the extent feasible, the department and the board shall provide for the use of water conservation reports required under this part to meet the requirements of Section 1011 for water conservation reporting.
- (b) This part does not limit or otherwise affect the application of Chapter 3.5 (commencing with Section 11340), Chapter 4 (commencing with Section 11370), Chapter 4.5 (commencing with Section 11400), and Chapter 5 (commencing with Section 11500) of Part 1 of Division 3 of Title 2 of the Government Code.
- (c) This part does not require a reduction in the total water used in the agricultural or urban sectors, because other factors, including, but not limited to, changes in agricultural economics or population growth may have greater effects on water

use. This part does not limit the economic productivity of California's agricultural, commercial, or industrial sectors.

- (d) The requirements of this part do not apply to an agricultural water supplier that is a party to the Quantification Settlement Agreement, as defined in subdivision (a) of Section 1 of Chapter 617 of the Statutes of 2002, during the period within which the Quantification Settlement Agreement remains in effect. After the expiration of the Quantification Settlement Agreement, to the extent conservation water projects implemented as part of the Quantification Settlement Agreement remain in effect, the conserved water created as part of those projects shall be credited against the obligations of the agricultural water supplier pursuant to this part.

Chapter 2. Definitions

10608.12. Unless the context otherwise requires, the following definitions govern the construction of this part:

- (a) “Agricultural water supplier” means a water supplier, either publicly or privately owned, providing water to 10,000 or more irrigated acres, excluding recycled water. “Agricultural water supplier” includes a supplier or contractor for water, regardless of the basis of right, that distributes or sells water for ultimate resale to customers. “Agricultural water supplier” does not include the department.
- (b) “Base daily per capita water use” means any of the following:
- (1) The urban retail water supplier's estimate of its average gross water use, reported in gallons per capita per day and calculated over a continuous 10-year period ending no earlier than December 31, 2004, and no later than December 31, 2010.
 - (2) For an urban retail water supplier that meets at least 10 percent of its 2008 measured retail water demand through recycled water that is delivered within the service area of an urban retail water supplier or its urban wholesale water supplier, the urban retail water supplier may extend the calculation described in paragraph (1) up to an additional five years to a maximum of a continuous 15-year period ending no earlier than December 31, 2004, and no later than December 31, 2010.
 - (3) For the purposes of Section 10608.22, the urban retail water supplier's estimate of its average gross water use, reported in gallons per capita per day and calculated over a continuous five-year period ending no earlier than December 31, 2007, and no later than December 31, 2010.

- (c) “Baseline commercial, industrial, and institutional water use” means an urban retail water supplier's base daily per capita water use for commercial, industrial, and institutional users.
- (d) “Commercial water user” means a water user that provides or distributes a product or service.
- (e) “Compliance daily per capita water use” means the gross water use during the final year of the reporting period, reported in gallons per capita per day.
- (f) “Disadvantaged community” means a community with an annual median household income that is less than 80 percent of the statewide annual median household income.
- (g) “Gross water use” means the total volume of water, whether treated or untreated, entering the distribution system of an urban retail water supplier, excluding all of the following:
 - (1) Recycled water that is delivered within the service area of an urban retail water supplier or its urban wholesale water supplier.
 - (2) The net volume of water that the urban retail water supplier places into long-term storage.
 - (3) The volume of water the urban retail water supplier conveys for use by another urban water supplier.
 - (4) The volume of water delivered for agricultural use, except as otherwise provided in subdivision (f) of Section 10608.24.
- (h) “Industrial water user” means a water user that is primarily a manufacturer or processor of materials as defined by the North American Industry Classification System code sectors 31 to 33, inclusive, or an entity that is a water user primarily engaged in research and development.
- (i) “Institutional water user” means a water user dedicated to public service. This type of user includes, among other users, higher education institutions, schools, courts, churches, hospitals, government facilities, and nonprofit research institutions.
- (j) “Interim urban water use target” means the midpoint between the urban retail water supplier's base daily per capita water use and the urban retail water supplier's urban water use target for 2020.

- (k) "Locally cost effective" means that the present value of the local benefits of implementing an agricultural efficiency water management practice is greater than or equal to the present value of the local cost of implementing that measure.
- (l) "Process water" means water used for producing a product or product content or water used for research and development, including, but not limited to, continuous manufacturing processes, water used for testing and maintaining equipment used in producing a product or product content, and water used in combined heat and power facilities used in producing a product or product content. Process water does not mean incidental water uses not related to the production of a product or product content, including, but not limited to, water used for restrooms, landscaping, air conditioning, heating, kitchens, and laundry.
- (m) "Recycled water" means recycled water, as defined in subdivision (n) of Section 13050, that is used to offset potable demand, including recycled water supplied for direct use and indirect potable reuse, that meets the following requirements, where applicable:
 - (1) For groundwater recharge, including recharge through spreading basins, water supplies that are all of the following:
 - (A) Metered.
 - (B) Developed through planned investment by the urban water supplier or a wastewater treatment agency.
 - (C) Treated to a minimum tertiary level.
 - (D) Delivered within the service area of an urban retail water supplier or its urban wholesale water supplier that helps an urban retail water supplier meet its urban water use target.
 - (2) For reservoir augmentation, water supplies that meet the criteria of paragraph (1) and are conveyed through a distribution system constructed specifically for recycled water.
- (n) "Regional water resources management" means sources of supply resulting from watershed-based planning for sustainable local water reliability or any of the following alternative sources of water:
 - (1) The capture and reuse of stormwater or rainwater.
 - (2) The use of recycled water.
 - (3) The desalination of brackish groundwater.

- (4) The conjunctive use of surface water and groundwater in a manner that is consistent with the safe yield of the groundwater basin.
- (o) “Reporting period” means the years for which an urban retail water supplier reports compliance with the urban water use targets.
- (p) “Urban retail water supplier” means a water supplier, either publicly or privately owned, that directly provides potable municipal water to more than 3,000 end users or that supplies more than 3,000 acre-feet of potable water annually at retail for municipal purposes.
- (q) “Urban water use target” means the urban retail water supplier's targeted future daily per capita water use.
- (r) “Urban wholesale water supplier,” means a water supplier, either publicly or privately owned, that provides more than 3,000 acre-feet of water annually at wholesale for potable municipal purposes.

Chapter 3. Urban Retail Water Suppliers

10608.16.

- (a) The state shall achieve a 20-percent reduction in urban per capita water use in California on or before December 31, 2020.
- (b) The state shall make incremental progress towards the state target specified in subdivision (a) by reducing urban per capita water use by at least 10 percent on or before December 31, 2015.

10608.20.

- (a) (1) Each urban retail water supplier shall develop urban water use targets and an interim urban water use target by July 1, 2011. Urban retail water suppliers may elect to determine and report progress toward achieving these targets on an individual or regional basis, as provided in subdivision (a) of Section 10608.28, and may determine the targets on a fiscal year or calendar year basis.
- (2) It is the intent of the Legislature that the urban water use targets described in subdivision (a) cumulatively result in a 20-percent reduction from the baseline daily per capita water use by December 31, 2020.
- (b) An urban retail water supplier shall adopt one of the following methods for determining its urban water use target pursuant to subdivision (a):
 - (1) Eighty percent of the urban retail water supplier's baseline per capita daily water use.

- (2) The per capita daily water use that is estimated using the sum of the following performance standards:
 - (A) For indoor residential water use, 55 gallons per capita daily water use as a provisional standard. Upon completion of the department's 2016 report to the Legislature pursuant to Section 10608.42, this standard may be adjusted by the Legislature by statute.
 - (B) For landscape irrigated through dedicated or residential meters or connections, water efficiency equivalent to the standards of the Model Water Efficient Landscape Ordinance set forth in Chapter 2.7 (commencing with Section 490) of Division 2 of Title 23 of the California Code of Regulations, as in effect the later of the year of the landscape's installation or 1992. An urban retail water supplier using the approach specified in this subparagraph shall use satellite imagery, site visits, or other best available technology to develop an accurate estimate of landscaped areas.
 - (C) For commercial, industrial, and institutional uses, a 10-percent reduction in water use from the baseline commercial, industrial, and institutional water use by 2020.
- (3) Ninety-five percent of the applicable state hydrologic region target, as set forth in the state's draft 20x2020 Water Conservation Plan (dated April 30, 2009). If the service area of an urban water supplier includes more than one hydrologic region, the supplier shall apportion its service area to each region based on population or area.
- (4) A method that shall be identified and developed by the department, through a public process, and reported to the Legislature no later than December 31, 2010. The method developed by the department shall identify per capita targets that cumulatively result in a statewide 20-percent reduction in urban daily per capita water use by December 31, 2020. In developing urban daily per capita water use targets, the department shall do all of the following:
 - (A) Consider climatic differences within the state.
 - (B) Consider population density differences within the state.
 - (C) Provide flexibility to communities and regions in meeting the targets.
 - (D) Consider different levels of per capita water use according to plant water needs in different regions.
 - (E) Consider different levels of commercial, industrial, and institutional water use in different regions of the state.

- (F) Avoid placing an undue hardship on communities that have implemented conservation measures or taken actions to keep per capita water use low.
- (c) If the department adopts a regulation pursuant to paragraph (4) of subdivision (b) that results in a requirement that an urban retail water supplier achieve a reduction in daily per capita water use that is greater than 20 percent by December 31, 2020, an urban retail water supplier that adopted the method described in paragraph (4) of subdivision (b) may limit its urban water use target to a reduction of not more than 20 percent by December 31, 2020, by adopting the method described in paragraph (1) of subdivision (b).
- (d) The department shall update the method described in paragraph (4) of subdivision (b) and report to the Legislature by December 31, 2014. An urban retail water supplier that adopted the method described in paragraph (4) of subdivision (b) may adopt a new urban daily per capita water use target pursuant to this updated method.
- (e) An urban retail water supplier shall include in its urban water management plan required pursuant to Part 2.6 (commencing with Section 10610) due in 2010 the baseline daily per capita water use, urban water use target, interim urban water use target, and compliance daily per capita water use, along with the bases for determining those estimates, including references to supporting data.
- (f) When calculating per capita values for the purposes of this chapter, an urban retail water supplier shall determine population using federal, state, and local population reports and projections.
- (g) An urban retail water supplier may update its 2020 urban water use target in its 2015 urban water management plan required pursuant to Part 2.6 (commencing with Section 10610).
- (h) (1) The department, through a public process and in consultation with the California Urban Water Conservation Council, shall develop technical methodologies and criteria for the consistent implementation of this part, including, but not limited to, both of the following:
- (A) Methodologies for calculating base daily per capita water use, baseline commercial, industrial, and institutional water use, compliance daily per capita water use, gross water use, service area population, indoor residential water use, and landscaped area water use.
- (B) Criteria for adjustments pursuant to subdivisions (d) and (e) of Section 10608.24.
- (2) The department shall post the methodologies and criteria developed pursuant to this subdivision on its Internet Web site, and make written copies

available, by October 1, 2010. An urban retail water supplier shall use the methods developed by the department in compliance with this part.

- (i) (1) The department shall adopt regulations for implementation of the provisions relating to process water in accordance with subdivision (l) of Section 10608.12, subdivision (e) of Section 10608.24, and subdivision (d) of Section 10608.26.
- (2) The initial adoption of a regulation authorized by this subdivision is deemed to address an emergency, for purposes of Sections 11346.1 and 11349.6 of the Government Code, and the department is hereby exempted for that purpose from the requirements of subdivision (b) of Section 11346.1 of the Government Code. After the initial adoption of an emergency regulation pursuant to this subdivision, the department shall not request approval from the Office of Administrative Law to readopt the regulation as an emergency regulation pursuant to Section 11346.1 of the Government Code.
- (j) An urban retail water supplier shall be granted an extension to July 1, 2011, for adoption of an urban water management plan pursuant to Part 2.6 (commencing with Section 10610) due in 2010 to allow use of technical methodologies developed by the department pursuant to paragraph (4) of subdivision (b) and subdivision (h). An urban retail water supplier that adopts an urban water management plan due in 2010 that does not use the methodologies developed by the department pursuant to subdivision (h) shall amend the plan by July 1, 2011, to comply with this part.

10608.22. Notwithstanding the method adopted by an urban retail water supplier pursuant to Section 10608.20, an urban retail water supplier's per capita daily water use reduction shall be no less than 5 percent of base daily per capita water use as defined in paragraph (3) of subdivision (b) of Section 10608.12. This section does not apply to an urban retail water supplier with a base daily per capita water use at or below 100 gallons per capita per day.

10608.24.

- (a) Each urban retail water supplier shall meet its interim urban water use target by December 31, 2015.
- (b) Each urban retail water supplier shall meet its urban water use target by December 31, 2020.
- (c) An urban retail water supplier's compliance daily per capita water use shall be the measure of progress toward achievement of its urban water use target.
- (d) (1) When determining compliance daily per capita water use, an urban retail water supplier may consider the following factors:

- (A) Differences in evapotranspiration and rainfall in the baseline period compared to the compliance reporting period.
 - (B) Substantial changes to commercial or industrial water use resulting from increased business output and economic development that have occurred during the reporting period.
 - (C) Substantial changes to institutional water use resulting from fire suppression services or other extraordinary events, or from new or expanded operations, that have occurred during the reporting period.
- (2) If the urban retail water supplier elects to adjust its estimate of compliance daily per capita water use due to one or more of the factors described in paragraph (1), it shall provide the basis for, and data supporting, the adjustment in the report required by Section 10608.40.
- (e) When developing the urban water use target pursuant to Section 10608.20, an urban retail water supplier that has a substantial percentage of industrial water use in its service area, may exclude process water from the calculation of gross water use to avoid a disproportionate burden on another customer sector.
- (f) (1) An urban retail water supplier that includes agricultural water use in an urban water management plan pursuant to Part 2.6 (commencing with Section 10610) may include the agricultural water use in determining gross water use. An urban retail water supplier that includes agricultural water use in determining gross water use and develops its urban water use target pursuant to paragraph (2) of subdivision (b) of Section 10608.20 shall use a water efficient standard for agricultural irrigation of 100 percent of reference evapotranspiration multiplied by the crop coefficient for irrigated acres.
- (2) An urban retail water supplier, that is also an agricultural water supplier, is not subject to the requirements of Chapter 4 (commencing with Section 10608.48), if the agricultural water use is incorporated into its urban water use target pursuant to paragraph (1).

10608.26.

- (a) In complying with this part, an urban retail water supplier shall conduct at least one public hearing to accomplish all of the following:
- (1) Allow community input regarding the urban retail water supplier's implementation plan for complying with this part.
 - (2) Consider the economic impacts of the urban retail water supplier's implementation plan for complying with this part.

- (3) Adopt a method, pursuant to subdivision (b) of Section 10608.20, for determining its urban water use target.
- (b) In complying with this part, an urban retail water supplier may meet its urban water use target through efficiency improvements in any combination among its customer sectors. An urban retail water supplier shall avoid placing a disproportionate burden on any customer sector.
- (c) For an urban retail water supplier that supplies water to a United States Department of Defense military installation, the urban retail water supplier's implementation plan for complying with this part shall consider the United States Department of Defense military installation's requirements under federal Executive Order 13423.
- (d)
 - (1) Any ordinance or resolution adopted by an urban retail water supplier after the effective date of this section shall not require existing customers as of the effective date of this section, to undertake changes in product formulation, operations, or equipment that would reduce process water use, but may provide technical assistance and financial incentives to those customers to implement efficiency measures for process water. This section shall not limit an ordinance or resolution adopted pursuant to a declaration of drought emergency by an urban retail water supplier.
 - (2) This part shall not be construed or enforced so as to interfere with the requirements of Chapter 4 (commencing with Section 113980) to Chapter 13 (commencing with Section 114380), inclusive, of Part 7 of Division 104 of the Health and Safety Code, or any requirement or standard for the protection of public health, public safety, or worker safety established by federal, state, or local government or recommended by recognized standard setting organizations or trade associations.

10608.28.

- (a) An urban retail water supplier may meet its urban water use target within its retail service area, or through mutual agreement, by any of the following:
 - (1) Through an urban wholesale water supplier.
 - (2) Through a regional agency authorized to plan and implement water conservation, including, but not limited to, an agency established under the Bay Area Water Supply and Conservation Agency Act (Division 31 (commencing with Section 81300)).
 - (3) Through a regional water management group as defined in Section 10537.
 - (4) By an integrated regional water management funding area.

- (5) By hydrologic region.
- (6) Through other appropriate geographic scales for which computation methods have been developed by the department.
- (b) A regional water management group, with the written consent of its member agencies, may undertake any or all planning, reporting, and implementation functions under this chapter for the member agencies that consent to those activities. Any data or reports shall provide information both for the regional water management group and separately for each consenting urban retail water supplier and urban wholesale water supplier.

10608.32. All costs incurred pursuant to this part by a water utility regulated by the Public Utilities Commission may be recoverable in rates subject to review and approval by the Public Utilities Commission, and may be recorded in a memorandum account and reviewed for reasonableness by the Public Utilities Commission.

10608.36. Urban wholesale water suppliers shall include in the urban water management plans required pursuant to Part 2.6 (commencing with Section 10610) an assessment of their present and proposed future measures, programs, and policies to help achieve the water use reductions required by this part.

10608.40. Urban water retail suppliers shall report to the department on their progress in meeting their urban water use targets as part of their urban water management plans submitted pursuant to Section 10631. The data shall be reported using a standardized form developed pursuant to Section 10608.52.

10608.42. The department shall review the 2015 urban water management plans and report to the Legislature by December 31, 2016, on progress towards achieving a 20-percent reduction in urban water use by December 31, 2020. The report shall include recommendations on changes to water efficiency standards or urban water use targets in order to achieve the 20-percent reduction and to reflect updated efficiency information and technology changes.

10608.43. The department, in conjunction with the California Urban Water Conservation Council, by April 1, 2010, shall convene a representative task force consisting of academic experts, urban retail water suppliers, environmental organizations, commercial water users, industrial water users, and institutional water users to develop alternative best management practices for commercial, industrial, and institutional users and an assessment of the potential statewide water use efficiency improvement in the commercial, industrial, and institutional sectors that would result from implementation of these best management practices. The taskforce, in conjunction with the department, shall submit a report to the Legislature by April 1, 2012, that shall include a review of multiple sectors within commercial, industrial, and institutional users and that shall recommend water use efficiency standards for

commercial, industrial, and institutional users among various sectors of water use. The report shall include, but not be limited to, the following:

- (a) Appropriate metrics for evaluating commercial, industrial, and institutional water use.
- (b) Evaluation of water demands for manufacturing processes, goods, and cooling.
- (c) Evaluation of public infrastructure necessary for delivery of recycled water to the commercial, industrial, and institutional sectors.
- (d) Evaluation of institutional and economic barriers to increased recycled water use within the commercial, industrial, and institutional sectors.
- (e) Identification of technical feasibility and cost of the best management practices to achieve more efficient water use statewide in the commercial, industrial, and institutional sectors that is consistent with the public interest and reflects past investments in water use efficiency.

10608.44. Each state agency shall reduce water use on facilities it operates to support urban retail water suppliers in meeting the target identified in Section 10608.16.

APPENDIX C
NOTIFICATION MEMORANDA

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

RECEIVED

MAR 18 2011

Mr. Ken Kittridge
City of Whittier
13230 Penn Street
Whittier, CA 90601

STETSON ENGINEERS, INC

Subject: Urban Water Management Plan 2010 Review

Dear Mr. Kittridge:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

As an urban water supplier, San Gabriel coordinates with water management agencies, relevant public agencies and other water suppliers on the preparation of the UWMP. San Gabriel will be reviewing the UWMP and will make amendments and updates, as appropriate.

If you wish to contact San Gabriel about its review process, you may do so by writing to the undersigned.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Mr. Richard Rich
Suburban Water Systems
1211 East Center Court Drive
Covina, CA 91724

Subject: Urban Water Management Plan 2010 Review

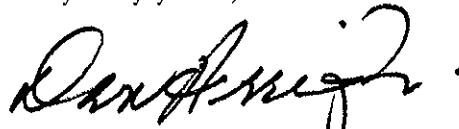
Dear Mr. Rich:

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Mr. Elias Saykail
City of Monterey Park
320 West Newmark Avenue
Monterey Park, CA 91754

Subject: Urban Water Management Plan 2010 Review

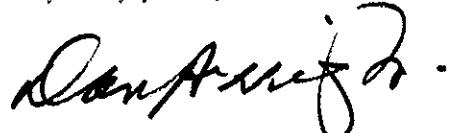
Dear Mr. Saykail:

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Mr. Bryan Hellein
Rurban Homes Mutual Water Company
5044 North Cogswell
El Monte, CA 91732

Subject: Urban Water Management Plan 2010 Review

Dear Mr. Hellein:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Mr. Greg Galindo
Industry Public Works
c/o La Puente Valley County Water District
112 North First Street
La Puente, CA 91744

Subject: Urban Water Management Plan 2010 Review

Dear Mr. Galindo:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

City of Baldwin Park
1440 East Pacific Avenue
Baldwin Park, CA 91706

Attention: City Clerk

Subject: Urban Water Management Plan 2010 Review

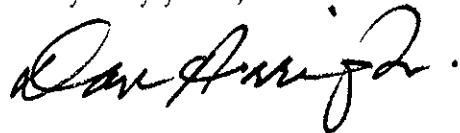
Gentlemen:

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

City of Industry
15625 Stafford Street, #100
City of Industry, CA 91744

Attention: City Clerk

Subject: Urban Water Management Plan 2010 Review

Gentlemen:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

City of Irwindale
5050 North Irwindale Avenue
Irwindale, CA 91706

Attention: City Clerk

Subject: Urban Water Management Plan 2010 Review

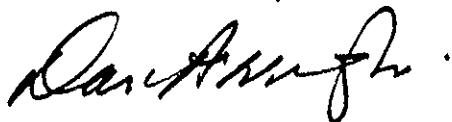
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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

City of La Puente
15900 East Main Street
La Puente, CA 91744

Attention: City Clerk

Subject: Urban Water Management Plan 2010 Review

Gentlemen:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

City of Montebello
1600 West Beverly Boulevard
Montebello, CA 90640

Attention: City Clerk

Subject: Urban Water Management Plan 2010 Review

Gentlemen:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

City of Pico Rivera
6615 Passons Boulevard
Pico Rivera, CA 90660

Attention: City Clerk

Subject: Urban Water Management Plan 2010 Review

Gentlemen:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

City of Rosemead
8838 East Valley Boulevard
Rosemead, CA 91770

Attention: City Clerk

Subject: Urban Water Management Plan 2010 Review

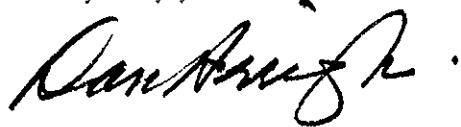
Gentlemen:

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

City of San Gabriel
425 South Mission Drive
San Gabriel, CA 91776

Attention: City Clerk

Subject: Urban Water Management Plan 2010 Review

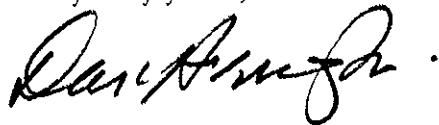
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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

City of Santa Fe Springs
11710 Telegraph Road
Santa Fe Springs, CA 90670

Attention: City Clerk

Subject: Urban Water Management Plan 2010 Review

Gentlemen:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

City of South El Monte
1415 Santa Anita Avenue
South El Monte, CA 91733

Attention: City Clerk

Subject: Urban Water Management Plan 2010 Review

Gentlemen:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

City of West Covina
1444 West Garvey
West Covina, CA 91790

Attention: City Clerk

Subject: Urban Water Management Plan 2010 Review

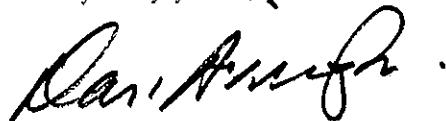
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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Mr. Brian Dickinson
Valley County Water District
14521 East Ramona Boulevard
Baldwin Park, CA 91706

Subject: Urban Water Management Plan 2010 Review

Dear Mr. Dickinson:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Mr. Bryan Hellein
Champion Mutual Water Company
Post Office Box 4093
El Monte, CA 91734

Subject: Urban Water Management Plan 2010 Review

Dear Mr. Hellein:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Mr. Greg Galindo
La Puente Valley County Water District
112 North First Street
La Puente, CA 91744

Subject: Urban Water Management Plan 2010 Review

Dear Mr. Galindo:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Mr. Robert McClung
Hemlock Mutual Water Company
12066 Celine Street
El Monte, CA 91732

Subject: Urban Water Management Plan 2010 Review

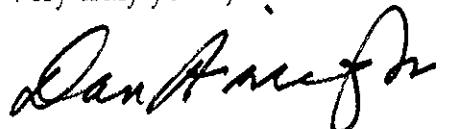
Dear Mr. McClung:

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Mr. Bryan Hellein
City of El Monte
3527 Santa Anita Avenue
El Monte, CA 91731

Subject: Urban Water Management Plan 2010 Review

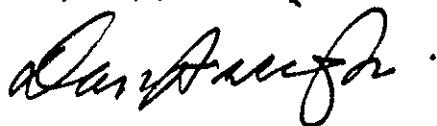
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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Mr. Dario Herrera
Del Rio Mutual Water Company
12417 Clinton
El Monte, CA 91734

Subject: Urban Water Management Plan 2010 Review

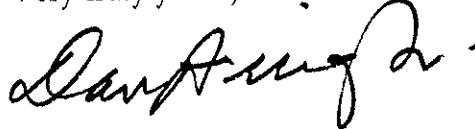
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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Mr. Tom Tait
City of Arcadia
Post Office Box 60021
11800 Gold Ring Road
Arcadia, CA 91006-6021

Subject: Urban Water Management Plan 2010 Review

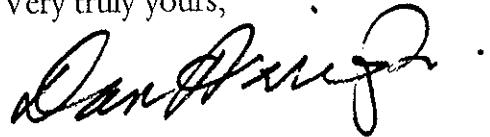
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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Mr. John Holzinger
Ms. Blanche Vizzini
Amarillo Mutual Water Company
3404 North Burton Avenue
Rosemead, CA 91770

Subject: Urban Water Management Plan 2010 Review

Dear Mr. Holzinger and Ms. Vizzini:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Department of Regional Planning
Los Angeles County
320 West Temple Street
Los Angeles, CA 90012

Subject: Urban Water Management Plan 2010 Review

Gentlemen:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Mr. Richard A. Rhone
San Gabriel River Watermaster
101 North Brand Boulevard, Suite 1780
Glendale, CA 91203

Subject: Urban Water Management Plan 2010 Review

Dear Mr. Rhone:

San Gabriel Valley Water Company (San Gabriel) is currently in the process of reviewing its Urban Water Management Plan (UWMP). The Urban Water Management Planning Act, Water Code Section 10610 et seq., requires every urban water supplier to prepare and adopt a UWMP and periodically update that plan at least once every five years. The UWMP is a planning document and a source document which reports, describes and evaluates water deliveries and uses, water supply sources and water conservation efforts.

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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

March 16, 2011

Ms. Carol Williams
Main San Gabriel Basin Watermaster
725 North Azusa Avenue
Azusa, CA 91702

Subject: Urban Water Management Plan 2010 Review

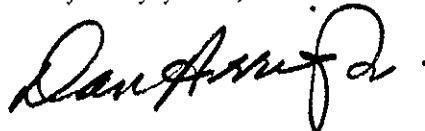
Dear Ms. Williams:

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Dan Arrighi
Water Resources Manager

DA:sr

APPENDIX D
NOTICE OF PUBLIC HEARING

SAN GABRIEL VALLEY NEWSPAPER GROUP

San Gabriel Valley Tribune / Pasadena Star-News / Whittier Daily News
Highlander Newspaper

1210 N. Azusa Canyon Road, West Covina, CA 91790
626-962-8811 Fax 626-856-2750

RECEIVED
JUN 24 2011

BY: -----

LEGAL AD SCHEDULE

SAN GABRIEL VAL.WATER CO.
P.O BOX 6010

EL MONTE , CA 91734

ACCOUNT NO: 1L4486183

DATE ORDERED: 06/03/11
PAGE: 1

AD #	START	STOP	DESC	TIMES	COL	SIZE	CHARGE	NOTES	PUB
31563	06/15/11	06/22/11	NOTICE O	2	2	.26I	295.04	FIRST RUN	SN

L
PRINCIPAL CLERK (S815)

NOTICE OF PUBLIC HEARING SAN GABRIEL VALLEY WATER COMPANY

PLEASE TAKE NOTICE that San Gabriel Valley Water Company will hold a public hearing for adoption of its 2010 update of the Urban Water Management Plan ("Plan") at 10:00 a.m., June 29, 2011, in the Company's El Monte office located at 11142 Garvey Avenue, El Monte, California. The Plan is available for public inspection, prior to adoption, during normal business hours at the Company's offices located at:

11142 Garvey Avenue
El Monte, CA 91733

14404 Valley Boulevard
Industry, CA 91746

11579 Hadley Street
Whittier, CA 90606

The Plan may also be viewed on the web at www.sgvwater.com

Dated: June 3, 2011

By:/ s / Dan Arrighi
Water Resources Manager
San Gabriel Valley
Water Company

Publish: June 15, 22, 2011
Pasadena Star-News Ad #31563

*Arrighi
6-24-11*

SAN GABRIEL VALLEY NEWSPAPER GROUP

San Gabriel Valley Tribune / Pasadena Star-News / Whittier Daily News
Highlander Newspaper

1210 N. Azusa Canyon Road, West Covina, CA 91790
626-962-8811 Fax 626-856-2750

RECEIVED
JUN 24 2011

BY: -----

LEGAL AD SCHEDULE

ACCOUNT NO: 1L4486183

SAN GABRIEL VAL.WATER CO.
P.O BOX 6010

DATE ORDERED: 06/03/11
PAGE: 1

EL MONTE , CA 91734

AD #	START	STOP	DESC	TIMES	COL	SIZE	CHARGE	NOTES	PUB
31586	06/15/11	06/22/11	NOTICE O	2	2	.26I	295.04	FIRST RUN	WN


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Dated: June 3, 2011

By:/ s / Dan Arrighi
Water Resources Manager
San Gabriel Valley
Water Company

Publish: June 15, 22, 2011
Whittier Daily News Ad # 31586

Amber 6-24-11

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

Mr. Tom Tait
City of Arcadia
Post Office Box 60021
11800 Gold Ring Road
Arcadia, CA 91006-6021

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Dear Mr. Tait:

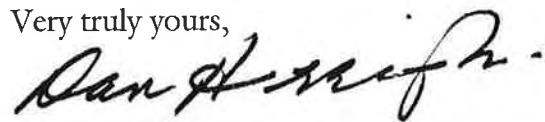
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As an urban water supplier, San Gabriel is required, pursuant to Section 10642 of the UWMP Act, to provide notice of the time and place of hearing to any city or county where San Gabriel is providing water service. San Gabriel invites you to submit written comments to the final draft of San Gabriel’s UWMP on or prior to the Public Hearing which will be held on June 29, 2011, at 10:00 a.m. at its offices located at 11142 Garvey Avenue, El Monte, California 91733.

If you have any question or need additional information, please contact me.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

Mr. Bryan Hellein
City of El Monte
3527 Santa Anita Avenue
El Monte, CA 91731

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Dear Mr. Hellein:

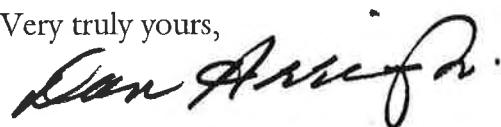
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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

Mr. Greg Galindo
Industry Public Works
C/O La Puente Valley County Water District
112 North First Street
La Puente, CA 91744

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Dear Mr. Galindo:

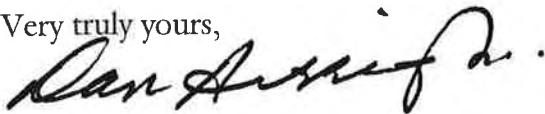
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If you have any question or need additional information, please contact me.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

Mr. Elias Saykail
City of Monterey Park
320 West Newmark Avenue
Monterey Park, CA 91754

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Dear Mr. Saykail:

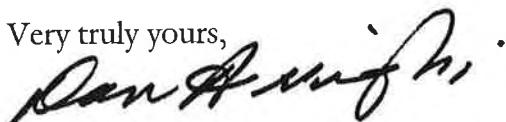
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If you have any question or need additional information, please contact me.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

Mr. Ken Kittridge
City of Whittier
13230 Penn Street
Whittier, CA 90601

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Dear Mr. Kittridge:

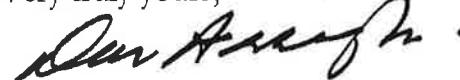
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If you have any question or need additional information, please contact me.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

City of Baldwin Park
1440 East Pacific Avenue
Baldwin Park, CA 91706

Attention: City Clerk

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Gentlemen:

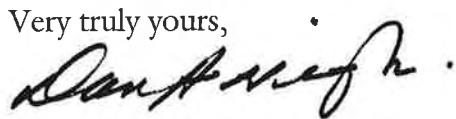
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If you have any question or need additional information, please contact me.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

City of Industry
15625 Stafford Street, #100
City of Industry, CA 91744

Attention: City Clerk

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Gentlemen:

The Urban Water Management Planning Act, Water Code Section 10610 et seq., (“UWMP Act”) requires every urban water supplier with more than 3,000 customers or purveying more than 3,000 acre-feet per year to prepare and adopt an Urban Water Management Plan (“UWMP”) and to periodically update that plan at least once every five years.

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If you have any question or need additional information, please contact me.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

City of Irwindale
5050 North Irwindale Avenue
Irwindale, CA 91706

Attention: City Clerk

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Gentlemen:

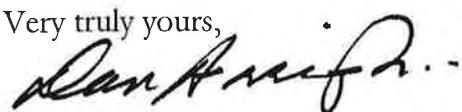
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If you have any question or need additional information, please contact me.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

City of La Puente
15900 East Main Street
La Puente, CA 91744

Attention: City Clerk

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Gentlemen:

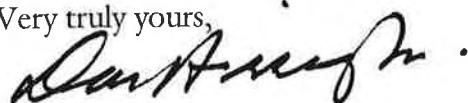
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If you have any question or need additional information, please contact me.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

City of Montebello
1600 West Beverly Boulevard
Montebello, CA 90640

Attention: City Clerk

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Gentlemen:

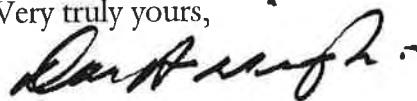
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If you have any question or need additional information, please contact me.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

City of Pico Rivera
6615 Passons Boulevard
Pico Rivera, CA 90660

Attention: City Clerk

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Gentlemen:

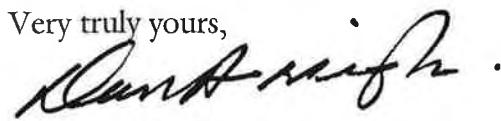
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If you have any question or need additional information, please contact me.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

City of Rosemead
8838 East Valley Boulevard
Rosemead, CA 91770

Attention: City Clerk

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Gentlemen:

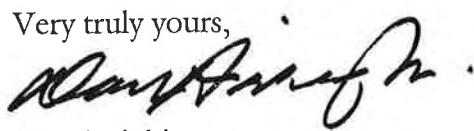
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If you have any question or need additional information, please contact me.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

City of San Gabriel
425 South Mission Drive
San Gabriel, CA 91776

Attention: City Clerk

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

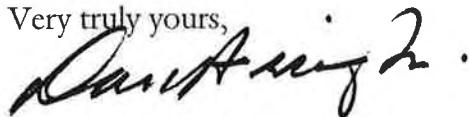
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If you have any question or need additional information, please contact me.

Very truly yours,

Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

City of Santa Fe Springs
11710 Telegraph Road
Santa Fe Springs, CA 90670

Attention: City Clerk

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Gentlemen:

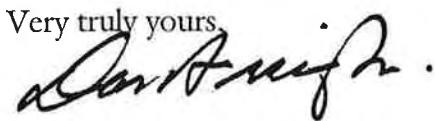
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If you have any question or need additional information, please contact me.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

City of South El Monte
1415 Santa Anita Avenue
South El Monte, CA 91733

Attention: City Clerk

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Gentlemen:

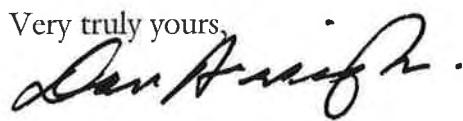
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Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

City of West Covina
1444 West Garvey
West Covina, CA 91790

Attention: City Clerk

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Gentlemen:

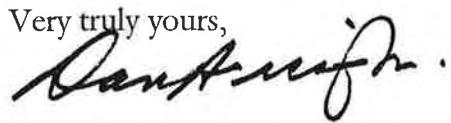
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If you have any question or need additional information, please contact me.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

SAN GABRIEL VALLEY WATER COMPANY

June 15, 2011

Department of Regional Planning
Los Angeles County
320 West Temple Street
Los Angeles, CA 90012

Subject: Notice of Public Hearing – 2010 Urban Water Management Plan

Gentlemen:

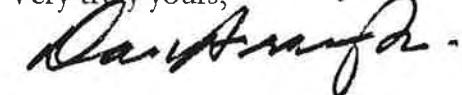
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If you have any question or need additional information, please contact me.

Very truly yours,



Dan Arrighi
Water Resources Manager

DA:sr

San Gabriel Valley Water Company

Urban Water Management Plan 2010 Update
Public Hearing
June 29, 2011

Agenda

- ▶ Welcome
- ▶ UWMP Act Requirements
- ▶ Present overview of UWMP document
- ▶ Open public hearing - Receive Input
- ▶ Close public hearing
- ▶ Process to finalize UWMP document

UWMP ACT Requirements

- ▶ Long term water resource planning document
- ▶ Required to be updated at least once every 5 years
- ▶ Coordinate preparation of UWMP with other appropriate agencies in the area
- ▶ Notified cities and the County of Los Angeles on March 16th that San Gabriel will be reviewing its UWMP and considering amendments

UWMP ACT Requirements (Cont.)

- ▶ Prior to adopting the plan, the draft UWMP shall be available for public inspection
- ▶ Public notice of hearing
 - San Gabriel Valley Tribune - June 15 and June 22
 - Notice of hearing to Cities and County – June 15
 - Draft Plan available on San Gabriel Web site – June 15
- ▶ Conduct one public hearing
- ▶ After the hearing, the UWMP shall be adopted as prepared or as modified after the hearing

UWMP Organization

- ▶ **Chapter 1 Plan Preparation**
- ▶ **Chapter 2 System Description**
 - Service Area Physical Description
 - Service Area Population
- ▶ **Chapter 3 System Demands**
 - Water Demands: Past, Current and Projected; Projected Water Demands for Low Income Households
 - SBX7-7 Baseline and Targets

Water Conservation and SBX7-7 Requirements

- ▶ New state law passed in late 2009 requires water utilities to reduce per capita consumption by 20% by 2020
- ▶ Methodologies developed through a California Department of Water Resources public committee process
- ▶ State-wide demand reduction targets were calculated
- ▶ Targets achieved by combination of water conservation and recycled water programs
- ▶ San Gabriel is a signatory to the water conservation best practices MOU developed by the California Urban Water Conservation Council

Baseline and Target Results

- ▶ 10 Year Baseline: 158 gallons/capita per day
- ▶ Method 3 Used to Calculate Water Use Target
- ▶ 2020 Target: 142 gallons/capita per day
- ▶ 2015 Target: 150 gallons/capita per day
- ▶ 2010 Actual: 116 gallons/capita per day

UWMP Organization (Cont.)

- ▶ **Chapter 4 System Supplies**
 - Water Sources
 - Groundwater
 - Transfer Opportunities
 - Desalinated Water Opportunities
 - Recycled Water Opportunities
 - Future Water Projects

Production and Storage

Typical Deep Well Production Well



Typical Storage Reservoirs – 3MG



UWMP Organization (Cont.)

▶ Chapter 5 **Water Supply Reliability and Water Shortage Contingency Planning**

- Water Supply Reliability
- Water Shortage Contingency Planning
- Water Quality
- Drought Planning

San Gabriel Utilizes Best Available Treat Technologies To Assure The Water Meets All State And Federal Safe Drinking Water Standards



UWMP Organization (Cont)

- ▶ **Chapter 6 Demand Management Measures**
 - Measures being implemented
 - SF Residential and MF Residential
 - Residential plumbing retro-fit
 - System water audits, leak detection
 - Metering and commodity rates
 - Large landscape conservation programs
 - High efficiency washing machine rebate program
 - Public information programs
 - School education programs
 - Commercial, industrial and institutional conservation programs
 - Conservation pricing
 - Water conservation coordinator
 - Water waste prohibition
 - Residential ultra-low flush toilet replacement program]

UWMP Plan Adoption, Submittal and Implementation

- ▶ Plan adoption by San Gabriel Valley Water Company's governing board
- ▶ Submittal to DWR, California State Library and Cities and the County of Los Angeles within 30 days of adoption
- ▶ Public Availability
 - The adopted plan will be available for inspection at the company's office during normal business hours AND on the Company's web site at www.sgvwater.com

Questions? Comments?

San Gabriel Valley Water Company
11142 Garvey Avenue
El Monte, California 91733
(626) 448-6183

APPENDIX E

RESOLUTION ADOPTING PLAN

SAN GABRIEL VALLEY WATER COMPANY

RESOLUTION ADOPTED JULY 5, 2011

WHEREAS, Provisions of the Urban Water Management Planning Act, Water Code Sections 10610 through 10656 ("Act"), require certain water suppliers such as San Gabriel Valley Water Company to prepare, review, adopt, and submit to the State of California Department of Water Resources, the California State Library, and each city and county within which the Corporation provides water supplies, an Urban Water Management Plan and, when necessary, amendments and updates thereto as provided by the Act;

NOW THEREFORE BE IT RESOLVED, That the San Gabriel Valley Water Company 2010 Urban Water Management Plan and the Fontana Water Company 2010 Urban Water Management Plan, both as updated and amended, prepared by San Gabriel Valley Water Company and upon which Public Hearings were duly held in accordance with the provisions of the Act, be and the same are hereby adopted as of July 1, 2011; and

RESOLVED FURTHER, That the officers of this corporation are instructed to cause copies of the San Gabriel Valley Water Company 2010 Urban Water Management Plan and the Fontana Water Company 2010 Urban Water Management Plan to be delivered to the State of California Department of Water Resources, the California State Library, and each city and county within which the Corporation provides water supplies.

I, R. H. Nicholson, Jr., Assistant Secretary of San Gabriel Valley Water Company, do hereby certify that the foregoing resolution is a full, true, and correct copy of a resolution adopted at the meeting of the Board of Directors of said Corporation held on July 5, 2011.

Dated: July 13, 2011



R.H. Nicholson, Jr.
Assistant Secretary

APPENDIX F
POPULATION PROJECTIONS TECHNICAL MEMORANDUM, DCSE,
MARCH 1, 2011

Technical Memorandum

Date: March 1, 2011
From: Masoud Hoseyni (DCSE)
To: Robert DiPrimio (SGVWC)
Subject: Methodology to Project Population for SGVWC's Service Areas

Introduction

This document describes the methodology used in population projection within the boundary of served parcels by SGVWC's Los Angeles and Fontana Divisions. The methodology used for this study closely follows the methodology used by Southern California Association of Governments (SCAG) to forecast growth in support of its Regional Transportation Plan (RTP) preparation. SCAG's data is widely used by governmental agencies in their planning activities.

The following sections will describe:

1. Methodology used in SGVWC's study
 - a. Data Sources
 - b. Methodology
2. Population Projections for Los Angeles Division
3. Population Study for Fontana Division
4. SCAG's Methodology
5. Validation of SCAG's Methodology

1. Methodology Used in SGVWC's Study

This study used the SCAG's "Traffic Analysis Zones" (TAZ) population projection data which is primarily based on small area baseline projections provided by the local jurisdictions. The baseline projection provides demographic trends, existing land use, and general plan land use policies. The TAZ information provides projections for total population, household, and employment for 2005 – 2035 in five year increments.

The challenge in determining the population projection for SGVWC's served parcels is in assigning population data from TAZ areas when the whole TAZ area is not within the boundary of parcels served by SGVWC. A methodology had to be devised to proportion the population based on a realistic weighting factor. This methodology is described in the following sections.

1.1 Data Sources

The following data sources were used in this study:

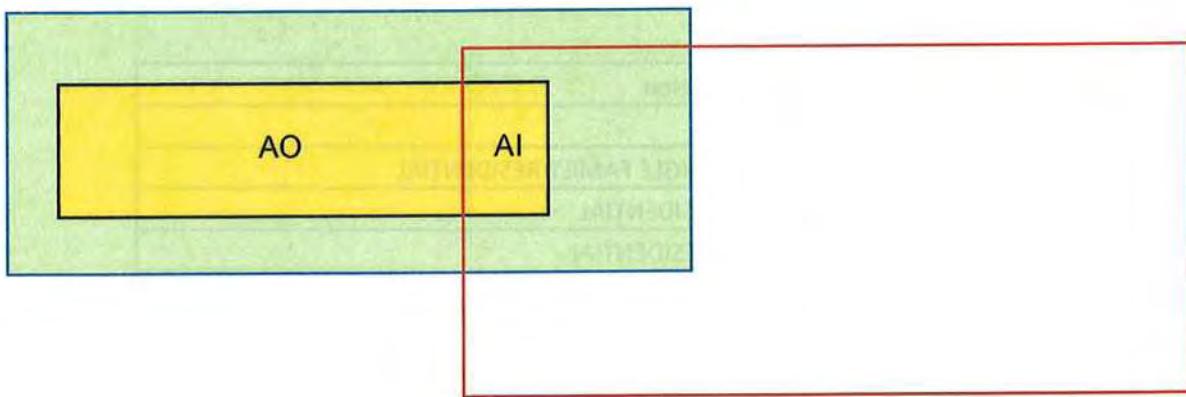
1. SGVWC's Boundary of Served Parcels – Based on the information provided by SGVWC, DCSE prepared the boundaries for parcels served by SGVWC's Los Angeles and Fontana Divisions in GIS
2. Transportation Analysis Zone (TAZ) GIS boundary data obtained from SCAG (Base year 2006)
3. Los Angeles & San Bernardino Counties Land use data - GIS boundary data from SCAG (2005)
4. Land Use Code Descriptions and Key Signatures obtained from SCAG
5. Los Angeles & San Bernardino Counties population forecast by TAZ zone obtained from SCAG 2007 Regional Transportation Plan

1.2 Methodology

The methodology uses parcel land use data to “pro-rate” the population projections based on the concept that only parcels with housing land use codes contribute to population projections for each TAZ zone. If a TAZ zone boundary intersects only with the non-housing land use, then this TAZ zone will not contribute to population totals. However, if a particular TAZ zone intersects with portion of the housing land use, then “pro-ration” ratio of housing area to the total housing area of the TAZ zone will be calculated. The calculated pro-ration ratio will then be used to pro-rate the TAZ zone population to the service area. Figure 1 illustrates the diagram for calculating service area population.

In order to pro-rate the population projection data, one needs to calculate the percentage of population of each TAZ area data that contributes to the SGVWC's served boundaries. This is achieved by overlaying the parcel data on the TAZ boundary data and calculating the area of the parcels with the valid Land use code that contribute to TAZ population projections. The same area is calculated for each TAZ area within the SGVWC's served boundaries. The population is then pro-rated using the ratio of the calculated parcel areas within the served boundaries for each TAZ area and the total parcel areas within the same TAZ area. For example if the entire TAZ area falls within the SGVWC's served boundaries, then 100% of the projected population will be assigned to the corresponding boundary. If the area of parcels within a TAZ area that are within the served boundary, is 50% of the total parcel areas within the TAZ area, then 50% of the projected population will be assigned to the corresponding served boundary. The same methodology is used by the Metropolitan Water District in their estimation of the population within its service area.

Figure 1 – Illustration Diagram for Calculating Served Area Population



$$\text{Served Area Population} = \text{TAZ Zone Population} * \text{AI} / (\text{AI} + \text{AO})$$

	TAZ Zone Boundary	AI: TAZ Housing Area Inside Service Area
	Housing Land Use	AO: TAZ Housing Area Outside Service Area
	Non-Housing Land Use	
	Served Parcels Boundary	

The following land use codes contribute to TAZ population projections and are used in this study.

Land Use Code	Land Use Description
1110	SINGLE FAMILY
1111	HIGH DENSITY SINGLE FAMILY RESIDENTIAL
1112	LOW DENSITY RESIDENTIAL
1120	MULTI-FAMILY RESIDENTIAL
1121	MIXED MULTI-FAMILY RESIDENTIAL
1122	DUPLEXES AND TRIPLEXES
1123	LOW-RISE APARTMENTS, CONDOS, AND TOWNHOMES
1124	MEDIUM-RISE APARTMENTS AND CONDOS
1125	HIGH-RISE APARTMENTS AND CONDOS
1130	MOBILE HOMES AND TRAILER PARKS
1131	TRAILER PARKS AND MOBILE HOME COURTS, HIGH DENSITY
1132	MOBILE HOME COURTS AND SUB-DIVISIONS, LOW DENSITY
1140	MIXED RESIDENTIAL
1150	RURAL RESIDENTIAL
1151	RURAL RESIDENTIAL HIGH DENSITY
1152	RURAL RESIDENTIAL LOW DENSITY

2. Population Projections for Los Angeles Division

SGVWC provided DCSE with a hand drawn map of the boundary of parcels served by its Los Angeles Division. DCSE prepared a boundary polygon in GIS which was used in this study to overlay on the TAZ and LA County parcel data.

The methodology described in Section 1 above was used to obtain the population projection for the Los Angeles Division. The population for the Los Angeles Division in 2010 is estimated to be 330,948 and is projected to grow to 396,363 in 2035. Table 1 summarizes the projected population in 5 year increments for the period of 2010 – 2035.

As mentioned above, the source for the served parcels boundary was a hand drawn map. SGVWC staff carefully reviewed the boundary map and discovered a few inaccuracies in the original hand-drawn map. Six areas (Mutuals) within the LA division boundary were excluded since they were served by other agencies. Additionally, the boundary was modified to accurately reflect the current boundary of the served parcels. DCSE incorporated the modifications and developed a new boundary for the served parcels.

DCSE then used the modified boundary to obtain population projection for SGVWC's LA Division, following the methodology described above. The population for the Los Angeles Division in 2010, using the modified boundary, is estimated to be 271,817 and is projected to grow to 326,611 in 2035. Table 2 summarizes the projected population in 5 year increments for the period of 2010 – 2035. Figure 2 shows the Served Boundaries used for LA Division.

Table 1: SGVWC - Population Projection for Los Angeles Division

COUNTY	TAZ	Population_Ratio	POP03	POP03_SA	POP05	POP05_SA	POP10	POP10_SA	POP15	POP15_SA	POP20	POP20_SA	POP25	POP25_SA	POP30	POP30_SA	POP35	POP35_SA
Los Angeles	2404500000	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
Los Angeles	2404700000	1	6,315	6,315	6,437	6,617	6,617	6,635	6,635	6,635	7,008	7,008	7,175	7,175	7,335	7,335	7,488	7,488
Los Angeles	2405600000	0.98	6,634	6,634	6,679	6,679	6,679	6,679	6,679	6,679	6,900	6,900	6,959	6,959	7,036	7,036	7,099	7,099
Los Angeles	2405700000	1	5,582	5,582	5,606	5,625	5,625	5,634	5,634	5,634	5,686	5,686	5,724	5,724	5,761	5,761	5,831	5,831
Los Angeles	2405800000	0.97	7,165	7,165	7,287	7,310	7,310	7,355	7,355	7,355	7,450	7,450	7,556	7,556	7,642	7,642	7,701	7,701
Los Angeles	2405802000	0.49	4,317	4,317	4,369	4,389	4,389	4,393	4,393	4,393	4,941	4,941	5,115	5,115	5,187	5,187	5,254	5,254
Los Angeles	2405803000	1	2,064	2,064	2,143	2,302	2,302	2,392	2,392	2,392	2,407	2,407	2,511	2,511	2,611	2,611	2,706	2,706
Los Angeles	2405900000	0.03	3,951	3,951	118	119	4,022	120	4,049	121	4,082	122	4,113	123	4,143	124	4,172	125
Los Angeles	2405900000	0.15	5,005	5,005	750	505	5,209	780	5,454	818	5,714	857	5,965	894	6,209	931	6,442	965
Los Angeles	2405900000	0.33	8,877	8,877	7,367	9,085	7,540	9,605	7,972	8,530	10,972	9,006	11,647	9,667	12,300	10,209	12,915	10,777
Los Angeles	2407001000	1	6,287	6,287	6,442	6,442	6,442	6,795	6,795	6,795	7,196	7,196	7,611	7,611	8,013	8,013	8,774	8,774
Los Angeles	2407002000	1	4,176	4,176	4,311	4,311	4,311	4,627	4,627	4,627	4,997	4,997	5,367	5,367	5,726	5,726	6,406	6,406
Los Angeles	2407101000	0.92	5,958	5,958	5,322	4,536	5,730	6,051	6,051	6,051	6,961	6,961	6,317	6,317	6,592	6,592	7,102	7,102
Los Angeles	2407102000	0.92	5,387	5,387	5,896	5,896	6,127	6,127	6,127	6,127	6,980	6,980	6,607	6,607	7,125	7,125	7,515	7,515
Los Angeles	2407200000	0.16	7,338	7,338	1,254	1,892	1,262	8,207	1,313	8,717	1,394	9,137	1,461	9,571	1,331	9,984	1,397	10,378
Los Angeles	2407301000	0.03	5,093	5,093	152	5615	157	5,615	168	6,043	181	6,472	194	6,887	206	7,290	218	7,674
Los Angeles	2407302000	0.98	3,950	3,950	295	3,789	303	4,018	321	4,281	342	4,547	363	4,804	384	5,054	404	5,252
Los Angeles	2408200000	0.82	3,922	3,922	1,576	1,977	1,621	2,102	1,723	2,244	1,840	2,385	1,955	2,523	2,068	2,655	2,277	2,881
Los Angeles	2408202002	0.48	305	305	146	306	146	306	146	306	146	306	146	307	147	307	147	307
Los Angeles	2408202031	1	1,558	1,558	358	394	394	422	422	422	451	451	478	478	504	504	529	529
Los Angeles	2408203001	1	6,407	6,407	6,296	6,730	6,730	7,234	7,234	7,234	7,734	7,734	7,556	7,556	8,260	8,260	9,217	9,217
Los Angeles	2408300000	0.95	3,749	3,749	4,082	4,392	4,392	4,172	4,172	4,172	4,749	4,749	5,112	5,112	5,456	5,456	5,820	5,820
Los Angeles	2408302000	0.89	4,260	4,260	3,790	3,900	3,907	4,639	4,639	4,639	4,173	4,173	5,034	5,034	5,388	5,388	5,669	5,669
Los Angeles	2408401000	1	4,421	4,421	4,552	4,853	4,853	5,152	5,152	5,152	5,198	5,198	5,542	5,542	5,875	5,875	6,506	6,506
Los Angeles	2408402000	1	5,862	5,862	6,101	6,101	6,101	6,649	6,649	6,649	7,276	7,276	7,878	7,878	8,462	8,462	9,027	9,027
Los Angeles	2408501000	0.69	3,951	3,951	2,048	3,600	2,484	3,849	2,655	4,139	2,655	4,439	3,062	4,730	3,163	5,011	3,057	3,643
Los Angeles	2408502000	0.95	8,369	8,369	6,750	6,750	6,750	8,190	8,190	8,190	9,380	9,380	10,556	10,556	11,215	11,215	12,465	12,465
Los Angeles	2408503000	1	6,734	6,734	6,734	6,734	6,734	7,399	7,399	7,399	7,933	7,933	8,471	8,471	9,496	9,496	9,978	9,978
Los Angeles	2408601000	0.15	7,230	7,230	1,188	1,513	1,222	8,689	1,303	9,306	1,395	9,924	1,488	10,523	1,578	11,103	1,658	13,748
Los Angeles	2408602000	0.55	4,420	4,420	2,331	4,552	4,552	2,666	2,666	2,666	5,202	5,202	5,551	5,551	5,953	5,953	6,530	6,530
Los Angeles	2408603000	0.32	3,971	3,971	982	3,134	1,023	3,281	1,045	3,452	1,104	3,631	1,161	3,805	1,217	3,973	1,271	4,134
Los Angeles	2431500000	0.07	9,036	9,036	632	9,246	647	9,677	677	10,133	709	10,603	742	11,058	774	11,497	804	834
Los Angeles	2432000000	0	4,189	4,189	4,344	4,344	4,344	4,504	4,504	4,504	4,544	4,544	4,554	4,554	-	-	5,072	-
Los Angeles	2433401000	1	3,779	3,779	3,837	3,951	3,951	3,637	3,637	3,637	3,951	3,951	4,075	4,075	4,216	4,216	4,487	4,487
Los Angeles	2433402000	1	6,647	6,647	6,761	6,761	6,761	6,988	6,988	6,988	7,234	7,234	7,512	7,512	7,884	7,884	8,285	8,285
Los Angeles	2433500000	1	8,007	8,007	8,148	8,431	8,431	8,007	8,007	8,007	8,737	8,737	9,090	9,090	9,436	9,436	10,076	10,076
Los Angeles	2433601000	1	6,288	6,288	6,956	7,210	7,210	6,288	6,288	6,288	7,473	7,473	7,929	7,929	8,218	8,218	8,441	8,441
Los Angeles	2433602000	1	4,331	4,331	4,941	4,941	4,941	5,162	5,162	5,162	5,369	5,369	5,610	5,610	5,825	5,825	6,032	6,032
Los Angeles	2433603000	0.35	5,984	1,954	5,740	2,008	6,050	2,117	6,368	2,117	6,368	2,228	6,604	2,332	6,954	2,433	7,231	2,632
Los Angeles	2433700000	0.29	4,586	1,329	4,829	1,342	4,724	4,724	4,724	4,724	4,724	4,785	1,387	4,833	1,407	4,982	1,426	5,042
Los Angeles	2433701000	0.97	7,972	7,972	8,158	8,510	8,510	8,274	8,274	8,274	8,911	8,911	9,235	9,235	9,624	9,624	9,969	9,969
Los Angeles	2433702000	1	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7
Los Angeles	2433800000	0.16	6,511	1,041	6,662	1,065	6,985	1,114	7,271	1,163	7,551	1,208	7,823	1,251	8,085	1,293	8,328	1,338
Los Angeles	2433801000	1	10,601	10,601	10,862	11,385	11,385	11,385	11,923	11,923	12,441	12,441	12,946	13,431	13,431	13,431	13,881	13,881
Los Angeles	2433802000	1	1,452	1,452	1,469	1,503	1,503	1,503	1,539	1,539	1,572	1,605	1,605	1,636	1,636	1,665	1,665	1,721
Los Angeles	2433803000	1	7,731	7,731	7,846	7,946	7,946	8,076	8,076	8,076	8,312	8,312	8,539	8,539	8,751	8,751	9,170	9,170
Los Angeles	2433900000	1	3,761	3,761	3,829	3,829	3,829	3,829	3,829	3,829	3,849	3,849	4,080	4,080	4,197	4,197	4,422	4,422
Los Angeles	2433901000	0.99	5,073	5,073	5,102	5,102	5,102	5,266	5,266	5,266	5,487	5,487	5,646	5,646	5,802	5,802	5,952	5,952
Los Angeles	2433902000	1	5,396	5,396	5,519	5,519	5,519	5,765	5,765	5,765	6,018	6,018	6,259	6,259	6,494	6,494	6,720	6,720
Los Angeles	2433903000	1	2,311	2,311	2,362	2,362	2,362	2,460	2,460	2,460	2,546	2,546	2,643	2,643	2,735	2,735	2,825	2,825
Los Angeles	2433904000	1	8,573	8,573	8,711	8,711	8,711	8,965	8,965	8,965	9,171	9,171	9,569	9,569	9,745	9,745	9,918	9,918
Los Angeles	2433905000	1	5,201	5,201	5,261	5,261	5,261	5,394	5,394	5,394	5,478	5,478	5,654	5,654	5,837	5,837	5,817	5,817
Los Angeles	2433906000	1	2,959	2,959	2,992	2,992	2,992	3,064	3,064	3,064	3,109	3,109	3,159	3,159	3,206	3,206	3,252	3,252
Los Angeles	2433907000	1	3,548	3,548	3,612	3,612	3,612	3,735	3,735	3,735	3,849	3,849	4,080	4,080	4,118	4,118	4,246	4,246
Los Angeles	2433908000	1	6,864	6,864	6,864	6,864	6,864	6,864	6,864	6,864	7,486	7,486	7,754	7,754	8,016	8,016	8,469	8,469
Los Angeles	2433909000	1	3,054	3,054	3,114	3,114	3,114	3,232	3,232	3,232	3,339	3,339	3,690	3,690	3,877	3,877	3,918	3,918
Los Angeles	2433910000	1	6,533	6,533	6,739	6,739	6,739	7,149	7,149	7,149	7,579	7,579	8,023	8,023	8,457	8,457	9,257	9,257
Los Angeles	2433912																	

Table 1: SGVWC - Population Projection for Los Angeles Division

Table 2: SGVWC - Population Projection for Los Angeles Division (Corrected Boundary)

COUNTY	TAZ	Population_Ratio	POP03	POP03_SA	POP05	POP05_SA	POP10	POP10_SA	POP15	POP15_SA	POP20	POP20_SA	POP25	POP25_SA	POP30	POP30_SA	POP35	POP35_SA	
Los Angeles	240460000	0.88	1	-	1	-	1	-	1	-	2	-	1	-	2	-	1	-	
Los Angeles	240470100	0.99	6,315	6,251	6,437	6,372	6,677	6,610	6,835	6,766	7,008	6,937	7,175	7,103	7,335	7,261	7,488	7,413	
Los Angeles	240470200	0.87	6,634	5,771	6,679	5,810	6,768	5,888	6,829	5,941	6,900	6,003	6,969	6,036	6,121	7,099	6,176	3,831	
Los Angeles	240470300	1	3,582	3,582	3,606	3,606	3,654	3,654	3,686	3,686	3,724	3,761	3,761	3,797	3,797	3,831	3,831	3,831	
Los Angeles	240480300	0.92	2,064	1,898	2,143	1,971	2,302	2,117	2,407	2,214	2,611	2,402	2,706	2,389	2,798	2,798	2,798	2,798	
Los Angeles	240680000	0.03	5,005	150	5,055	151	5,200	156	5,544	163	5,714	171	5,965	178	6,209	186	6,442	193	
Los Angeles	240690000	0.74	8,877	6,568	9,085	6,722	9,605	7,107	10,278	7,605	10,972	8,119	11,647	8,618	12,300	9,102	12,925	9,564	
Los Angeles	240700100	1	6,287	6,287	6,442	6,442	6,795	6,795	7,196	7,611	8,013	8,013	8,402	8,402	8,774	8,774	8,774	8,774	
Los Angeles	240700200	1	4,176	4,176	4,311	4,311	4,627	4,627	4,997	4,997	5,367	5,367	5,726	6,073	6,406	6,406	6,406	6,406	
Los Angeles	240710100	0.77	5,498	4,233	5,532	4,259	5,730	4,412	6,051	4,659	6,317	4,864	5,075	6,075	5,276	7,102	5,468	5,468	
Los Angeles	240710200	0.62	5,856	3,630	5,896	3,655	6,127	3,798	6,500	4,030	6,807	4,220	7,125	4,417	7,427	4,604	7,715	4,783	
Los Angeles	240730100	0.05	5,093	254	5,249	262	5,615	280	6,043	302	6,472	323	6,887	344	7,290	364	7,674	383	
Los Angeles	240820200	0.04	1,922	76	1,977	79	2,102	84	2,244	89	2,385	95	2,523	100	2,655	106	2,782	111	
Los Angeles	240820202	0.32	305	97	306	97	306	97	306	97	307	98	307	98	307	98	307	98	
Los Angeles	240830203	0.19	358	68	369	70	394	74	422	80	451	85	478	90	504	95	529	100	
Los Angeles	240830100	0.66	6,107	4,030	6,496	4,155	6,730	4,441	7,234	4,774	7,756	5,118	8,260	5,451	8,749	5,774	9,217	6,083	
Los Angeles	240830200	0.66	3,947	2,605	4,082	4,392	4,694	4,392	5,034	4,749	5,134	5,112	5,373	5,462	5,802	5,822	6,127	6,043	
Los Angeles	240830300	0.46	4,260	1,959	4,390	2,019	4,689	2,156	5,034	4,385	5,277	5,653	6,054	6,054	6,370	6,370	6,370	6,370	
Los Angeles	240840100	0.75	4,421	3,315	4,552	3,414	4,853	3,639	5,198	3,898	5,542	4,156	5,875	4,406	6,197	6,647	6,506	4,879	
Los Angeles	240840200	1	5,862	5,862	6,101	6,101	6,649	6,649	7,276	7,276	7,878	8,462	8,462	9,027	9,027	9,568	9,568	9,568	
Los Angeles	240850100	0.68	3,491	2,373	3,600	2,448	3,849	2,617	4,139	2,814	4,439	3,018	4,730	3,216	5,011	5,280	5,350	5,350	
Los Angeles	240850200	0.85	3,639	7,113	8,672	7,328	9,203	7,622	9,722	8,592	10,556	8,977	11,215	9,532	11,957	10,076	12,466	10,598	
Los Angeles	240850300	1	6,734	6,734	6,936	7,399	7,933	7,933	8,471	8,471	8,991	8,991	9,496	9,496	9,978	9,978	9,978	9,978	
Los Angeles	240862500	0.45	4,420	1,989	4,552	2,043	4,854	2,184	5,240	5,551	5,240	5,551	5,497	5,889	2,650	6,217	6,217	6,530	2,938
Los Angeles	240862900	0.29	3,071	890	3,134	903	3,281	951	3,452	1,001	3,631	1,052	3,805	1,103	3,973	1,152	4,134	1,198	1,198
Los Angeles	243150000	0.01	9,036	90	9,246	92	9,677	96	10,133	101	10,603	106	11,058	110	11,497	114	11,915	119	119
Los Angeles	243240100	1	3,779	3,779	3,837	3,951	3,951	3,951	4,075	4,075	4,216	4,355	4,355	4,487	4,487	4,610	4,610	4,610	4,610
Los Angeles	243240200	1	6,647	6,647	6,761	6,761	6,988	6,988	7,234	7,234	7,512	7,784	7,784	8,044	8,044	8,286	8,286	8,286	8,286
Los Angeles	243250000	0.68	8,007	5,444	8,148	5,540	8,431	5,733	8,737	5,941	9,080	6,181	9,436	6,416	9,768	6,642	10,076	6,851	10,076
Los Angeles	243260100	0.8	5,828	5,828	6,462	6,462	6,956	7,210	7,678	7,473	7,978	6,183	7,383	6,218	7,574	8,441	8,441	8,441	8,441
Los Angeles	243260200	0.96	4,831	4,637	4,743	5,162	4,955	5,389	5,713	5,610	5,825	5,825	5,825	6,032	5,920	6,223	5,974	5,974	5,974
Los Angeles	243270000	0.02	5,584	111	5,740	114	6,050	121	6,368	127	6,664	133	6,954	139	7,231	144	7,489	149	7,489
Los Angeles	243310000	0.57	7,972	4,544	8,158	4,650	8,530	4,962	8,910	5,078	9,221	5,284	9,624	5,485	9,962	5,678	10,278	5,858	10,278
Los Angeles	243310001	1	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	
Los Angeles	243320000	0.09	6,511	585	6,662	599	6,965	626	7,271	654	7,551	679	7,823	704	8,085	727	8,328	749	8,328
Los Angeles	243330100	1	10,601	10,601	10,862	11,385	11,923	12,441	12,441	12,441	12,441	12,441	12,441	13,491	13,491	13,881	13,881	13,881	13,881
Los Angeles	243330200	1	1,452	1,452	1,469	1,503	1,503	1,539	1,539	1,539	1,572	1,605	1,605	1,636	1,636	1,665	1,665	1,665	1,665
Los Angeles	243330300	1	7,731	7,731	7,846	8,076	8,076	8,312	8,312	8,312	8,539	8,539	8,761	8,761	8,973	9,170	9,170	9,170	9,170
Los Angeles	243340100	0.91	3,761	3,422	3,829	3,484	3,959	3,502	4,080	3,712	4,197	3,819	4,312	3,923	4,422	4,024	4,525	4,117	4,117
Los Angeles	243340200	0.92	5,073	4,667	5,155	4,742	5,320	4,884	5,487	5,048	5,646	5,194	5,802	5,337	5,952	5,475	6,091	5,603	5,603
Los Angeles	243340300	1	5,396	5,396	5,519	5,765	5,765	6,018	6,262	6,259	6,494	6,720	6,720	6,929	6,929	6,929	6,929	6,929	6,929
Los Angeles	243350100	1	2,311	2,311	2,362	2,460	2,456	2,546	2,643	2,643	2,735	2,735	2,735	2,825	2,825	2,911	2,911	2,911	2,911
Los Angeles	243350200	1	8,573	8,573	8,731	8,731	8,965	8,965	9,171	9,171	9,369	9,369	9,561	9,561	9,745	9,745	9,918	9,918	9,918
Los Angeles	243360100	0.36	5,201	1,872	5,261	1,893	5,384	1,941	5,478	1,972	5,568	2,004	5,654	2,035	5,737	2,065	5,817	2,094	2,094
Los Angeles	243360200	0.99	2,959	2,929	2,992	3,064	3,033	3,109	3,077	3,127	3,159	3,206	3,173	3,252	3,219	3,263	3,263	3,263	3,263
Los Angeles	243370000	1	3,548	3,548	3,612	3,612	3,735	3,849	3,986	4,118	4,118	4,246	4,246	4,246	4,369	4,369	4,369	4,369	4,369
Los Angeles	243380100	1	6,864	6,864	6,996	7,247	7,486	7,486	7,754	7,754	8,016	8,016	8,266	8,266	8,499	8,499	8,499	8,499	8,499
Los Angeles	243380200	1	3,054	3,054	3,114	3,232	3,232	3,339	3,339	3,339	3,461	3,461	3,577	3,577	3,690	3,690	3,796	3,796	3,796

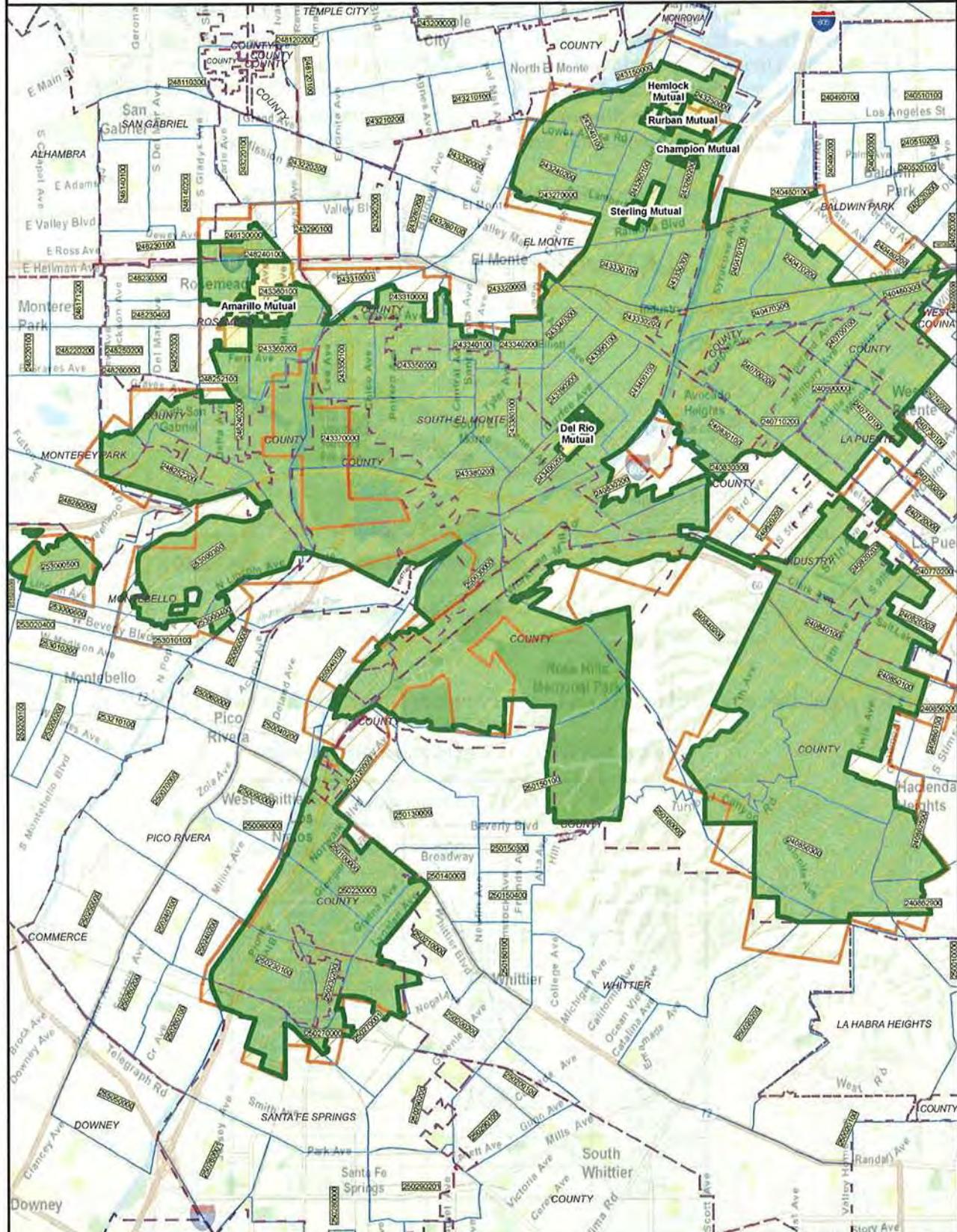
Table 2: SGVWC - Population Projection for Los Angeles Division (Corrected Boundary)

COUNTY	TAZ	Population_Ratio	POP03	POP03_SA	POP05	POP05_SA	POP10	POP10_SA	POP15	POP15_SA	POP20	POP20_SA	POP25	POP25_SA	POP30	POP30_SA	POP35	POP35_SA
Los Angeles	243390100	1	6,533	6,533	6,739	6,739	7,149	7,149	7,579	7,579	8,023	8,023	8,457	8,457	8,872	8,872	9,257	9,257
Los Angeles	243390200	1	4,256	4,256	4,331	4,331	4,482	4,482	4,640	4,640	4,805	4,805	4,966	4,966	5,120	5,120	5,263	5,263
Los Angeles	243400100	0.99	4,971	4,921	5,080	5,080	5,297	5,244	5,521	5,465	5,735	5,677	5,943	5,883	6,143	6,081	6,329	6,265
Los Angeles	243400200	0.9	7,957	7,161	8,083	8,083	8,274	8,346	8,620	7,758	8,902	8,011	9,176	9,258	9,441	8,496	9,692	8,722
Los Angeles	243430000	0.39	3,126	1,219	3,155	3,155	3,230	3,217	3,258	1,270	3,303	1,288	3,347	1,305	3,389	1,321	3,429	1,337
Los Angeles	243230100	0.11	5,455	600	5,525	607	5,560	611	5,850	643	6,017	661	6,205	682	6,386	702	6,567	722
Los Angeles	243240100	0.69	4,133	2,851	4,178	2,882	4,278	2,951	4,342	2,995	4,411	3,043	4,477	3,089	4,540	3,132	4,601	3,174
Los Angeles	243240200	0.75	7,511	5,633	7,648	5,736	7,957	5,967	8,254	6,190	8,570	6,427	8,874	6,655	9,169	6,876	9,451	7,088
Los Angeles	243252100	0.39	6,005	2,341	6,186	2,412	6,602	2,574	7,076	2,759	7,548	2,943	8,006	3,122	8,449	3,295	8,873	3,460
Los Angeles	243252200	1	4,850	4,850	4,952	4,952	5,145	5,145	5,352	5,352	5,557	5,557	5,756	5,756	5,949	5,949	6,134	6,134
Los Angeles	243260000	0.13	7,153	929	7,226	939	7,695	1,000	8,127	1,056	8,498	1,104	8,842	1,149	9,186	1,194	9,504	1,235
Los Angeles	250020200	0.01	4,608	46	4,612	46	4,654	46	4,717	47	4,767	47	4,812	48	4,858	48	4,901	49
Los Angeles	250030000	0.96	3,054	2,931	3,136	3,201	3,072	3,267	3,136	3,341	3,207	3,413	3,276	3,413	3,276	3,546	3,404	3,404
Los Angeles	250040100	0.15	9,431	1,414	9,515	1,427	9,733	1,459	9,957	1,493	10,178	1,526	10,385	1,557	10,588	1,588	10,775	1,616
Los Angeles	250050000	0.95	8,193	7,783	8,392	7,972	8,557	8,129	8,728	8,291	8,910	8,464	9,086	8,631	9,255	8,792	9,416	8,945
Los Angeles	250120000	0.19	5,024	954	5,071	963	5,141	976	5,228	983	5,306	1,008	5,378	1,021	5,450	1,035	5,518	1,048
Los Angeles	250140000	0.07	4,370	305	4,374	306	4,413	306	4,472	313	4,519	316	4,561	319	4,604	322	4,645	325
Los Angeles	250150000	0.08	7,141	571	7,179	574	7,283	582	7,411	582	7,521	601	7,621	609	7,721	617	7,814	625
Los Angeles	250210000	0.44	6,241	2,746	6,344	2,791	6,462	2,843	6,580	2,885	6,710	2,952	6,836	3,007	6,962	3,063	7,083	3,116
Los Angeles	250220000	1	6,810	6,810	7,000	7,000	7,151	7,151	7,300	7,300	7,458	7,458	7,609	7,609	7,755	7,755	7,894	7,894
Los Angeles	250230100	1	5,700	5,700	5,833	5,833	5,941	5,941	6,051	6,051	6,175	6,175	6,294	6,294	6,409	6,409	6,518	6,518
Los Angeles	250230200	1	3,131	3,131	3,241	3,241	3,363	3,363	3,474	3,474	3,594	3,594	3,710	3,710	3,821	3,821	3,927	3,927
Los Angeles	250270000	0.33	6,986	2,305	7,132	2,353	7,544	2,489	7,864	2,595	8,193	2,703	8,512	2,808	8,819	2,910	9,113	3,007
Los Angeles	250270001	1	145	145	149	149	158	158	166	166	173	173	180	180	187	187	193	193
Los Angeles	253003000	0.82	3,079	2,524	3,100	2,542	3,119	2,557	3,132	2,568	3,133	2,569	3,133	2,569	3,134	2,569	3,134	2,569
Los Angeles	253004000	0.26	3,939	1,024	3,950	1,027	3,960	1,029	3,966	1,031	3,968	1,031	3,969	1,031	3,971	1,032	3,973	1,032
Los Angeles	253005000	0.45	4,763	2,143	4,803	2,161	4,838	2,177	4,861	2,187	4,861	2,187	4,862	2,187	4,862	2,187	4,862	2,187
Los Angeles	253006000	0.06	4,115	246	4,147	248	4,174	250	4,193	251	4,193	251	4,193	251	4,193	251	4,193	251
Total			387,059	255,707	394,618	261,109	410,297	271,817	427,259	283,151	444,084	294,594	460,429	305,721	476,215	316,450	491,175	326,611



**San Gabriel Valley Water Company
Los Angeles County Division
Population Study in Compliance with SBX7-7**

**SAN GABRIEL VALLEY
WATER COMPANY**



City Boundaries Served Population - Scenario 1
TAZ_2006 Served Population - Scenario 2
Mutuals

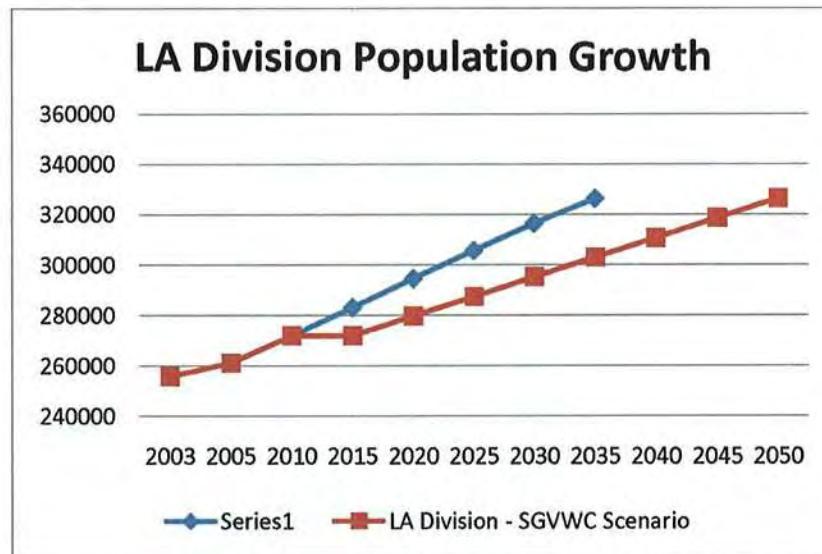
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dcse

Map Prepared by: DCSE Inc. on 03/01/2011

Once SCAG's population estimates are compared to actual data, it showed that the growth estimates for the Los Angeles County had been overestimated by about 7.5%. SGVWC projects that the growth within its boundaries will be negligible between years 2010 to 2015. They estimate that after 2015, the Fontana Division will grow at a faster pace compared to Los Angeles Division and achieve the population estimates by SCAG for the year 2035. SGVWC estimates that the Los Angeles Division will achieve the SCAG estimate for 2035 by the year 2050. Figure 3 below illustrates the population growth scenario for the modified growth rate vs. the SCAG population growth for the Los Angeles Division.

Figure 3: Population Growth Scenarios (SCAG vs. SGVWC)



The population estimated for SGVWC's Los Angeles Division is tabulated in Table 3.

Table 3: SGVWC's LA Division Population Estimate

Year	LA Division	
	SCAG RTP 2008	SGVWC Scenario
2003	255707	255707
2005	261109	261109
2010	271817	271817
2015	283151	271817
2020	294594	279602
2025	305721	287387
2030	316450	295172
2035	326311	302956
2040		310741
2045		318526
2050		326311

3. Population Projections for Fontana Division

SGVWC provided DCSE with a CAD file for the service area for the Fontana Division. DCSE used the CAD file to prepare the boundary of served parcels in GIS for the Fontana Division. This boundary was used in this study to overlay on the TAZ and San Bernardino County parcel data. Figure 4 shows the GIS data for the boundary of the served parcels and TAZ areas for the Fontana Division. This boundary was reviewed by the SGVWC staff and found to be representative of the current served parcels.

The methodology described in Section 1 above was used to obtain the population projection for the Fontana Division. The study results are shown in the following Table. The estimated population for the Fontana Division in 2010 is estimated to be 209,035 and is projected to grow to 259,305 in 2035. The projected population is shown in Table 4 in 5 year increments for the period of 2010 – 2035.

The revised growth rate for the Fontana Division is shown in Figure 5. The revised estimated population for the Fontana Division is also tabulated in table 5 below.

Table 4: SGVWC - Fontana Water Company Population Projection

COUNTY	TAZ	Population_Ratio	POP03	POP03_SA	POP05	POP05_SA	POP10	POP10_SA	POP15	POP15_SA	POP20	POP20_SA	POP25	POP25_SA	POP30	POP30_SA	POP35	POP35_SA
San Bernardino	500201000	0.95	5,462	5,188	6,480	6,156	8,484	8,059	10,421	9,899	12,294	11,679	14,111	13,405	15,859	15,066	17,333	16,656
San Bernardino	5002020300	0.22	1,101	242	1,237	1,505	3,311	1,764	3,888	2,014	4,433	2,257	4,496	2,491	548	2,715	597	413
San Bernardino	5002020400	1	430	429	429	426	423	421	418	416	416	418	416	416	416	413	413	413
San Bernardino	5002020402	1	5,050	5,050	5,202	5,202	5,469	5,788	6,066	6,066	6,338	6,338	6,598	6,598	6,847	6,847	6,847	6,847
San Bernardino	500230100	1	8,142	8,335	8,335	8,716	9,084	9,084	9,441	9,441	9,786	9,786	10,118	10,118	10,436	10,436	10,436	10,436
San Bernardino	5002302000	1	9,255	9,255	9,394	9,394	9,669	9,669	9,935	9,935	10,192	10,192	10,442	10,442	10,682	10,682	10,912	10,912
San Bernardino	5002303000	1	10,312	10,637	10,637	11,275	11,895	12,492	12,492	12,492	13,071	13,071	13,629	13,629	14,163	14,163	14,163	14,163
San Bernardino	5002303001	1	538	538	1,395	1,395	3,083	3,083	4,715	4,715	6,294	6,294	7,826	7,826	9,298	9,298	10,708	10,708
San Bernardino	5002303002	1	6,591	7,004	7,004	7,819	8,606	8,606	9,367	9,367	10,106	10,106	10,817	10,817	11,497	11,497	11,497	11,497
San Bernardino	500240100	1	7,852	7,989	7,989	8,259	8,520	8,520	8,773	8,773	9,018	9,018	9,253	9,253	9,480	9,480	9,480	9,480
San Bernardino	500240200	1	8,174	8,241	8,241	8,372	8,499	8,499	8,622	8,622	8,741	8,741	8,855	8,855	8,965	8,965	8,965	8,965
San Bernardino	500250100	1	6,167	6,167	6,252	6,421	6,584	6,584	6,741	6,741	6,894	6,894	7,041	7,041	7,182	7,182	7,182	7,182
San Bernardino	500250200	1	7,228	7,228	7,261	7,326	7,388	7,388	7,449	7,449	7,508	7,508	7,564	7,564	7,618	7,618	7,618	7,618
San Bernardino	500260101	1	681	681	679	674	669	669	665	665	661	661	658	658	653	653	653	653
San Bernardino	500260102	1	488	488	486	484	484	481	479	479	477	477	474	474	472	472	472	472
San Bernardino	500260103	1	1,930	1,930	2,199	2,199	2,728	3,240	3,240	3,735	4,216	4,216	4,677	4,677	5,120	5,120	5,120	5,120
San Bernardino	500260104	1	1,393	1,393	1,389	1,389	1,380	1,380	1,371	1,371	1,363	1,363	1,354	1,354	1,347	1,347	1,339	1,339
San Bernardino	500260200	1	7,808	7,808	7,788	7,788	7,750	7,750	7,711	7,711	7,641	7,641	7,606	7,606	7,575	7,575	7,575	7,575
San Bernardino	500260300	1	19,944	20,136	20,136	20,513	20,878	20,878	21,231	21,231	21,574	21,574	21,903	21,903	22,218	22,218	22,218	22,218
San Bernardino	500270102	0.98	262	256	1,076	1,054	2,678	2,624	4,227	4,142	5,725	5,610	7,178	7,034	8,576	8,404	9,914	9,715
San Bernardino	500280000	1	14,798	14,871	14,871	15,016	15,016	15,155	15,290	15,290	15,421	15,421	15,547	15,547	15,668	15,668	15,668	15,668
San Bernardino	500290100	1	4,433	4,433	4,422	4,422	4,400	4,400	4,379	4,379	4,358	4,358	4,339	4,339	4,320	4,320	4,301	4,301
San Bernardino	500290200	1	6,446	6,446	6,434	6,434	6,410	6,410	6,387	6,387	6,364	6,364	6,342	6,342	6,321	6,321	6,301	6,301
San Bernardino	500300000	1	2,388	2,388	2,381	2,381	2,367	2,355	2,355	2,342	2,342	2,330	2,330	2,318	2,318	2,306	2,306	2,306
San Bernardino	500310000	1	10,751	10,729	10,729	10,684	10,684	10,640	10,640	10,599	10,599	10,519	10,519	10,482	10,482	10,482	10,482	10,482
San Bernardino	500320000	1	8,240	8,216	8,216	8,172	8,172	8,128	8,128	8,086	8,086	8,045	8,045	8,004	8,004	7,966	7,966	7,966
San Bernardino	500330000	1	5,532	5,532	5,676	5,676	5,959	6,234	6,234	6,499	6,499	6,756	6,756	7,004	7,004	7,240	7,240	7,240
San Bernardino	5003330001	1	5,200	5,196	5,196	5,187	5,187	5,178	5,178	5,169	5,169	5,161	5,161	5,153	5,153	5,146	5,146	5,146
San Bernardino	500340100	1	7,013	7,013	7,154	7,154	7,492	7,492	7,701	7,701	7,960	7,960	8,212	8,212	8,455	8,455	8,687	8,687
San Bernardino	500340200	1	9,255	9,469	9,469	9,893	9,893	10,301	10,301	10,697	10,697	11,081	11,081	11,449	11,449	11,803	11,803	11,803
San Bernardino	500340300	1	3,896	3,952	3,952	4,062	4,062	4,170	4,170	4,273	4,273	4,374	4,374	4,470	4,470	4,562	4,562	4,562
San Bernardino	500350100	0.17	14,424	14,893	14,893	15,816	16,710	2,688	18,411	18,411	19,218	19,218	3,129	3,129	19,990	19,990	3,398	3,398
San Bernardino	500350200	0.05	5,918	295	6,153	3,07	6,616	330	7,063	353	7,496	374	8,319	415	8,706	435	8,706	435
San Bernardino	500360200	0.17	13,317	2,263	13,374	2,273	13,487	2,292	13,596	2,311	13,702	2,349	13,805	2,346	13,904	2,363	13,997	2,379
San Bernardino	500920001	1	1,623	1,623	1,998	1,998	2,735	3,448	4,137	4,137	4,806	4,806	5,449	5,449	6,065	6,065	6,065	6,065
Total			222,042	192,254	228,527	197,907	241,297	209,035	253,644	219,796	265,584	230,202	277,174	240,302	288,312	250,008	298,980	299,305



**San Gabriel Valley Water Company
Fontana Division**

The logo for San Gabriel Valley Water Company. It features the company name in a bold, black, sans-serif font. The word "WATER" is stacked directly below "SAN GABRIEL" and "VALLEY". A stylized blue wavy line graphic runs horizontally behind the text.

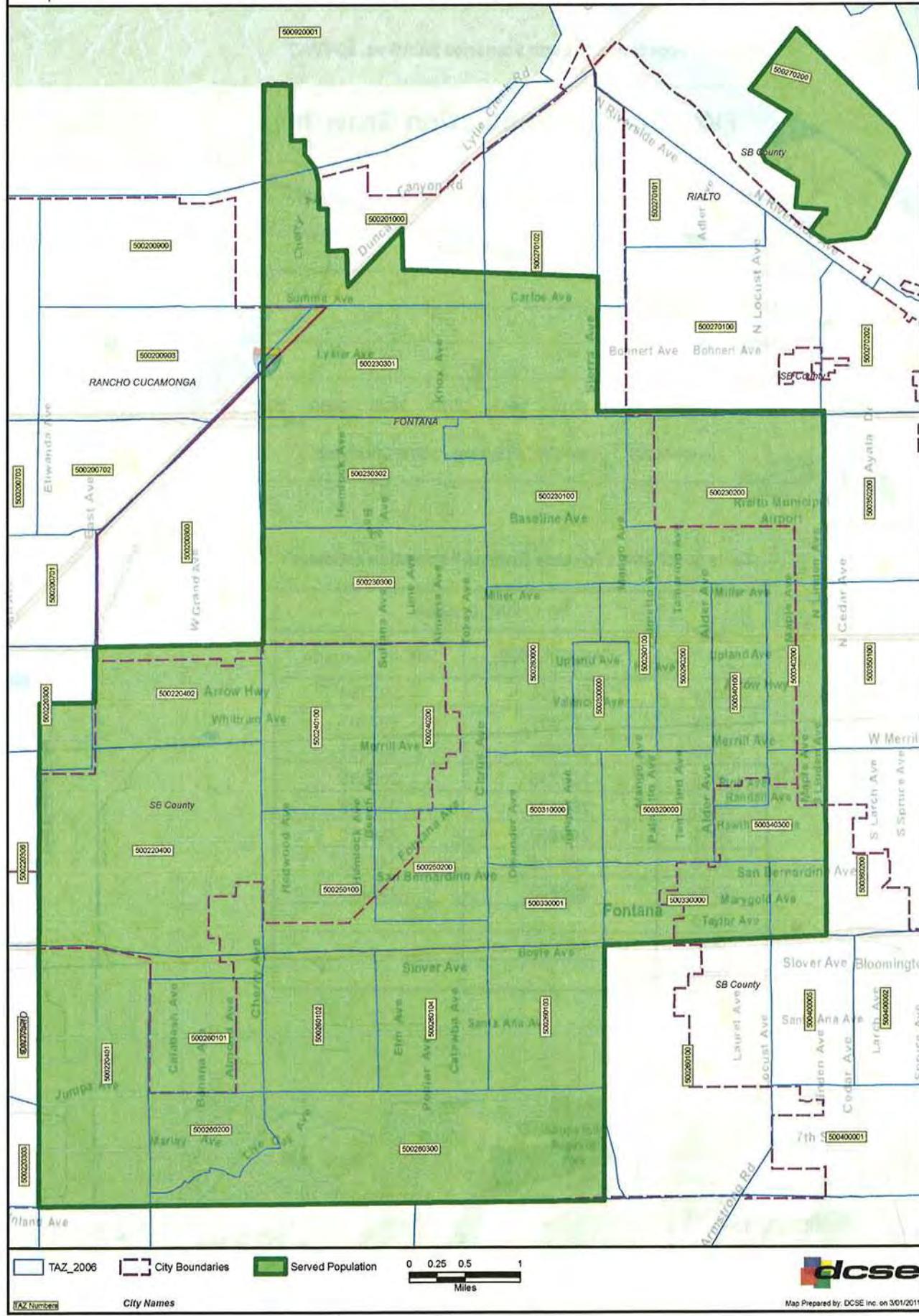


Figure 4: Population Growth Scenarios (SCAG vs. SGVWC)

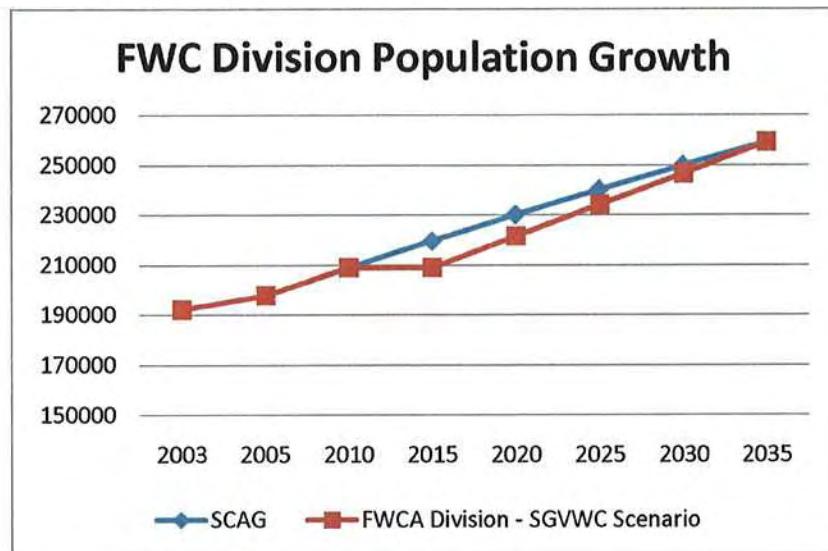


Table 5: SGVWC's Fontana Division Population Estimate

Year	FWC Division	
	SCAG RTP 2008	SGVWC Scenario
2003	192254	192254
2005	197907	197907
2010	209035	209035
2015	219796	209035
2020	230202	221603
2025	240302	234170
2030	250008	246738
2035	259305	259305
2040		
2045		
2050		

4. SCAG's Methodology

This study uses the SCAG's 2008 "Integrated Growth Forecast" study results to estimate the population growth in SGVWC's service area. The Integrated Growth Forecast provides the basis for developing the land use assumptions at the regional and small area levels. The SCAG data is widely used by many local and state agencies for their planning purposes. Metropolitan Water District of Southern California (MWD) uses the data on a regular basis to forecast the future water demand for its service area and member agencies.

A detailed description of the methodologies used in SCAG's "Growth Forecast" may be found in SCAG's "2008 Regional Transportation Plan – Growth Forecast Report". In summary, the "Growth Forecast" are calculated at the "Regional" and "County" level. The following sections are excerpts from the report that are directly relevant to this section.

4.1 Development of the Integrated Growth Forecast

"Development of the Integrated Growth Forecast involved several steps. The first entailed an analysis of recent regional growth trends and the collection of significant local plan updates. A variety of large area estimates and projections were collected from the federal and state governments. The sources included information from the following agencies:

- *U.S. Department of Commerce, Census Bureau and Bureau of Economic Analysis,*
- *U.S. Department of Labor, Bureau of Labor Statistics,*
- *U.S. Internal Revenue Service (IRS),*
- *U.S. Citizenship and Immigration Services,*
- *U.S. Department of Health and Human Services,*
- *California Department of Finance (DOF),*
- *California Employment Development Department,*
- *Information received through the Intergovernmental Review process,*
- *Small area estimates and projections were also available from aerial land use data, data from ES202, CTPP, general plan, parcel level data from tax assessor's office, building permits from Construction Industry Research Board and demolition data from the DOF.*

The next step was to develop and evaluate the draft regional Integrated Growth Forecast scenarios with small area distributions. Regional growth forecast scenarios were developed and allocated into the smaller geographic levels using public workshops. The small area distributions of the regional growth were evaluated using transportation and emission modeling results and environmental impact review.

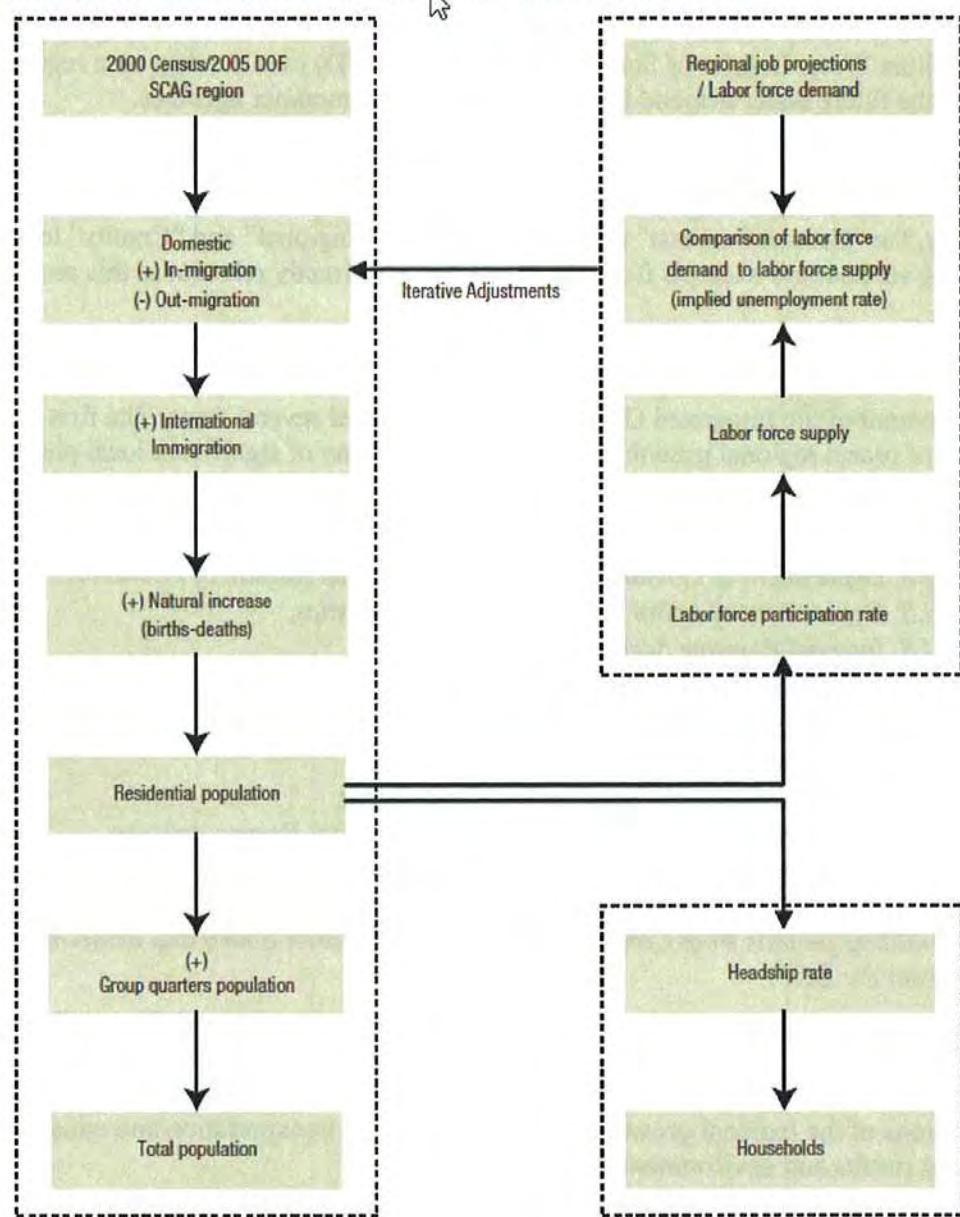
Last was the selection and adoption of a preferred regional growth forecast and small area distributions." [Ref.: SCAG's "2008 Regional Transportation Plan – Growth Forecast Report"]

4.2 Regional Population Projection

"Figure A1 shows the linkage of population, households, and employment in the regional demographic forecast process. These three major variables are projected by reflecting the reasonable relationships among them. Demographic rates are used to link these major

variables, including headship rate, labor force participation rate, implied unemployment rate, and domestic migration rate.”

FIGURE A1 REGIONAL DEMOGRAPHIC FORECAST PROCESS



[Ref.: SCAG's "2008 Regional Transportation Plan – Growth Forecast Report"]

4.3 City Demographic Projection

“The city level demographic projections are based on the housing unit method, which is one of the most widely used methods, to estimate local area households and population for

planning purposes. The housing unit method consists of the following three projections of: households (occupied housing units), average household size, and group quarters population. Each of three components is projected into the future.

“.. household (residential) population is estimated by multiplying occupied housing units (households) by the projected average household size. The average household size projection is problematic given the tension between expectations for a strong demographic component in the methodology and the lack of suitable data to support such a methodology. The so called ‘state-of-the-art’ for average household size projections tends to be very rudimentary at the city level.” [Ref.: SCAG’s “2008 Regional Transportation Plan – Growth Forecast Report”]

4.4 Small Area Population Projection

“.. the first step is to project target year residential population based on projected small area household size and the projected target year small area household. SCAG calculates the target year household size by applying the base year ratio of small area to city household size to the city’s target year household size.

The second step is to project target year group quarter populations (GQP). The following assumptions are made about group quartered population projections: no changes in military bases (closings or new construction), no new prisons, jails, or mental hospitals will be built, and, no new major universities or colleges (except CSU, Channel Islands). The target year group quartered population is calculated by applying the small area’s base year share of the city’s GQP to the city’s target year projection. The target year small area total population is simply the sum of the residential population and the GQP.

The third step is to incorporate regionally significant Inter-Governmental Review (IGR) projects. Specifically, for small areas where an IGR project is located, a minimum population projection is set for each small area based on the number of projected households that will reside in that small area due to the project.

The final step is to normalize the small area population projection to meet the city, county and regional level population projections.” [Ref.: SCAG’s “2008 Regional Transportation Plan – Growth Forecast Report”]

5. Validation of SCAG's Methodology

A sensitivity study was performed on the SCAG's population estimates for the Los Angeles County, in order to check and validate the population data results for this study. In order to validate the SCAG's reported population numbers, DCSE calculated the population for the City's that are within the SGVWC's Los Angeles Division service area. The same methodology used to estimate the population in this study was applied to estimate the Cities' population. The City boundaries overlaid on the TAZ areas and County parcel data and the population estimates for the City boundaries were calculated. The calculated city populations' data were then compared to the reported respective city population. In general, the SCAG estimated populations were within a few percent of the reported population data. The following Table summarizes the results of this study.

SGVWC - Population Calculation Sensitivity Study
Actual vs. Projected

CITY (Year)	Area (Sq. Miles)	Population	Population Calculate from TAZ		
			POP03_City	POP05_City	POP10_City
ARCADIA (2009)	11.20	56,202	54,944	55,330	57,246
BALDWIN PARK (2009)	6.80	77,078	79,157	80,114	82,043
EL MONTE (2009)	9.70	121,447	121,371	123,893	128,932
INDUSTRY (2000)	11.89	777	3,304	3,385	3,564
IRWINDALE (2000)	9.46	1,446	1,514	1,545	1,727
LA PUENTE (2000)	3.49	41,526	43,311	43,665	45,456
MONROVIA (2000)	13.80	36,929	37,945	38,328	39,187
MONTEBELLO (2000)	8.40	62,150	64,496	65,025	65,572
MONTEREY PARK (2005)	7.70	63,928	64,760	65,483	69,753
PICO RIVERA (2000)	8.84	63,428	66,827	67,315	68,764
ROSEMEAD (2009)	5.15	57,594	55,356	55,952	57,286
SAN GABRIEL (2000)	4.13	39,804	41,006	41,530	41,898
SANTA FE SPRINGS (2000)	8.90	17,438	15,971	16,294	17,150
SOUTH EL MONTE (2000)	2.89	21,144	23,419	23,846	24,665
TEMPLE CITY (2000)	4.01	33,377	36,489	37,021	37,934
WEST COVINA (2008)	16.10	112,666	110,082	111,515	115,226
WHITTIER (2000)	14.80	83,680	83,113	83,346	84,250

APPENDIX G
LONG BEACH JUDGMENT

**Superior Court of the State of California
For the County of Los Angeles**

BOARD OF WATER COMMISSIONERS OF
THE CITY OF LONG BEACH, et al.,
Plaintiff
vs.
*SAN GABRIEL VALLEY WATER COMPANY,
et al.,*
Defendant

SETTLEMENT DOCUMENTS
No. 722647

STIPULATION FOR JUDGMENT
JUDGMENT MAP OF WHITTIER NARROWS
ENGINEERING APPENDIX
REIMBURSEMENT CONTRACT

Approved by Joint Negotiating Committees July 6, 1964.

EXHIBIT NO. 7

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

1 DISTRICT, a municipal water district, and }
2 CALIFORNIA DOMESTIC WATER COMPANY, a }
3 Corporation, }
4 Intervenors. }

5 Plaintiffs Central Basin Municipal Water District, a
6 municipal water district (herein sometimes referred to as Central
7 Municipal); City of Long Beach, a municipal corporation, acting
8 by and through the Board of Water Commissioners of the City of
9 Long Beach; and City of Compton, a municipal corporation, and
10 defendants City of Alhambra, a municipal corporation; City of
11 Arcadia, a municipal corporation; City of Azusa, a municipal
12 corporation; Azusa Agricultural Water Company, a corporation, sued
13 herein as DOE 1; Azusa Valley Water Company, a corporation, for
14 itself and as successor by merger to Azusa Irrigating Company, a
15 corporation; Baldwin Park County Water District, a county water
16 district; California Water and Telephone Company, a corporation;
17 Columbia Land and Water Company, a corporation; City of Covina, a
18 municipal corporation; Covina Irrigating Company, a corporation;
19 Cross Water Company, a corporation, sued herein as DOE 2; Duarte
20 Water Company (formerly Duarte Domestic Water Company), a corpora-
21 tion; East Pasadena Water Company, Ltd., a corporation, for itself
22 and as successor by merger to California-Michigan Land and Water
23 Company, a corporation; City of El Monte, a municipal corporation;
24 City of Glendora, a municipal corporation; Glendora Irrigating
25 Company, a corporation; City of Monrovia, a municipal corporation;
26 City of Monterey Park, a municipal corporation; San Dimas Water
27 Company, a corporation, sued herein as DOE 3; San Gabriel County
28 Water District, a county water district; San Gabriel Valley Water
29 Company, a corporation; Southern California Water Company, a cor-
30 poration; City of South Pasadena, a municipal corporation; Subur-
31 ban Water Systems, a corporation; Sunny Slope Water Company, a
32 corporation; and Vallecito Water Company, a corporation; and

1 intervening defendant Upper San Gabriel Valley Municipal Water
2 District, a municipal water district (herein sometimes referred
3 to as Upper District); and intervening defendant California
4 Domestic Water Company, a corporation; stipulate and agree as
5 follows:

6 1. A Judgment in the form attached hereto as Exhibit
7 I may be made and entered by the Court in the above-entitled
8 action.

9 2. The following facts, considerations and objectives,
10 among others, provide the basis for this Stipulation for

11 Judgment:

12 (a) By their complaint plaintiffs seek a
13 determination of the rights of the defendants,
14 other than Upper District, in and to the waters
15 of the San Gabriel River System and further.
16 seek to restrain defendants, other than Upper
17 District, from an alleged interference with the
18 rights of plaintiffs and persons represented by
19 Central Municipal in and to said waters.
20 (b) At the present time, and for some time
21 prior to the commencement of this action, the
22 water supply of the San Gabriel River System has
23 been inadequate to supply the diversions and
24 extractions of both plaintiffs and defendants
25 other than Central Municipal and Upper District
26 but including the persons represented by Central
27 Municipal and by Upper District, and as a result
28 said diversions and extractions have exceeded,
29 and still exceed, the natural replenishment of
30 the water supply of the San Gabriel River System.
31 (c) The parties recognize and agree that
32 the natural outflow from the San Gabriel Valley

1 to the Lower Area as defined in the Judgment has
2 varied, and will vary from year to year,
3 depending on the amount of precedent rainfall
4 and other conditions.

5 (d) The parties recognize and agree that
6 there is a need for a declaration of rights and
7 a physical solution for the problems resulting
8 from the inadequate and varying water supplies
9 of the San Gabriel River System.
10 (e) The parties agree that the physical
11 solution contained in said Judgment will bring
12 about a fair division of the water of the San
13 Gabriel River System as between Plaintiffs and
14 defendants other than Central Municipal and
15 Upper District but including the persons
16 represented by Central Municipal and by Upper
17 District.

18 (f) The parties recognize that it may be
19 necessary for defendants or some of them to use
20 supplemental water in order to comply with the
21 obligations imposed under said physical solution.

22 (g) Defendant Upper District is now a
23 member unit of The Metropolitan Water District of
24 Southern California, which will be supplied with
25 water from sources in northern California under
26 an existing contract with the State of California.
27 Certain of the defendants not within the area of
28 defendant Upper District are within the area of
29 San Gabriel Valley Municipal Water District, which
30 district also has contracted with the State of
31 California for delivery of water from sources in
32 northern California. It is anticipated that the

1 importation of this water will augment the natural
2 supply of ground water within Upper Area as defined
3 in the Judgment. Defendant Upper District intends
4 to replenish the San Gabriel Valley with
5 supplemental supplies.

6 3. The parties hereto hereby waive any and all Findings
7 of Fact, Conclusions of Law, and any and all notice of the making
8 or entry herein of the attached form of Judgment, and all rights
9 of appeal, if any, from such Judgment.
10 4. Plaintiffs and defendants agree that during the
11 period prior to entry of the attached form of Judgment, they will
12 cooperate in endeavoring to collect such information as the
13 Watermaster would obtain if the attached form of Judgment had
14 been entered and the Watermaster had been appointed by the Court
15 pursuant to paragraph 6 of the Judgment, which information is
16 herein referred to as "said information." To that end, the parties
17 hereto hereby agree that promptly following the complete
18 execution of this stipulation by all parties, Upper District and
19 Central Municipal shall each notify the other in writing as to
20 the identity of the person who it expects will be nominated as
21 the representative of Upper Area Parties or Lower Area Parties,
22 as the case may be, under paragraph 6 of the Judgment. Upon
23 receiving such notice, Upper District and Central Municipal shall
24 each instruct its designated nominee that until the attached form
25 of Judgment is entered and the Watermaster has been appointed
26 pursuant to paragraph 6 of the Judgment he shall in cooperation
27 with the other designated nominee do all things reasonably
28 necessary to obtain such of said information as is available from
29 the parties hereto or any public agency.
30 5. Judgment shall not be rendered pursuant hereto
31 unless and until the execution of this stipulation by Central
32 Basin Municipal Water District and by Upper San Gabriel Valley

1 Municipal Water District shall have been validated by a decree
2 or decrees rendered in a proceeding or proceedings instituted
3 in a court of competent jurisdiction of the State of California,
4 and either such decree or decrees shall have become final or
5 both of said Districts shall have further stipulated that said
6 Judgment shall be rendered.

7 6. This stipulation may be executed in counterparts
8 (each counterpart being an exact copy or duplicate of the
9 original) and all counterparts collectively shall be considered
10 as constituting one complete Stipulation for Judgment.

11 DATED: _____, 1964.

12

13 Attorneys
(for the respective party
listed opposite and to the
right of the respective
attorneys listed below)

14 Signature of Stipulating Party
and Its Designation of Mailing
Address

15 Board of Water Commissioners of
the City of Long Beach

16 Leonard Putnam
City Attorney
17 Clifford E. Hayes
Principal Deputy City
18 Attorney
City of Long Beach

19 By _____
Its _____ President

20 By _____
Its _____ Secretary

21 Burris & Lagerlof
Stanley C. Lagerlof
H. Jess Senecal
Jack T. Swafford

22 Burris & Lagerlof
Stanley C. Lagerlof
H. Jess Senecal
Jack T. Swafford

23

24

25 Taylor & Smith

26

27

28

29

30

31

32

1 Central Basin Municipal Water
District

2 Stanley C. Lagerlof
H. Jess Senecal
Jack T. Swafford

3 By _____
Its President

4 By _____
Its Secretary

5 7439 East Florence Avenue
Downey, California

6

7

8

9

10 Lloyd A. Bulloch
City Attorney
City of Compton

11

12

13 Its Mayor

14 205 South Willowbrook Avenue
Compton, California

15 Burris & Lagerlof
Stanley C. Lagerlof
H. Jess Senecal
Jack T. Swafford

16

17

18 By _____

19

20

21 Don D. Bercu
City Attorney
City of Alhambra

22

23

24

25

26

27

28

29

30

31

32

1	James A. Nicklin City Attorney City of Arcadia	City of Arcadia By _____	Surr & Hellyer By _____	Baldwin Park County Water District By _____
2				Its _____ President
3				By _____
4	Surr & Hellyer	Its Mayor City Hall Arcadia, California	Clayson, Stark, Rothrock & Mann By _____	Its _____ Secretary 14521 East Ramona Boulevard Baldwin Park, California
5				
6				
7	Clayson, Stark & Mann			
8				
9				
10	Harry C. Williams City Attorney City of Azusa	City of Azusa By _____	Baccigalupi, Elkus & Salingar By _____	California Water & Telephone Company By _____
11				Its _____ President
12				By _____
13				Its _____ Secretary
14	Taylor & Smith	Its Mayor City Hall 213 East Foothill Boulevard Azusa, California	Clayson, Stark, Rothrock & Mann By _____	300 Montgomery Street San Francisco, California
15				
16				
17	Taylor & Smith	Azusa Agricultural Water Company By _____	Surr & Hellyer By _____	
18				
19				
20				
21				
22				
23				
24	Surr & Hellyer	18352 East Foothill Boulevard Azusa, California	Clayson, Stark, Rothrock & Mann By _____	P. O. Box 296 San Dimas, California
25				
26				
27	Clayson, Stark, Rothrock & Mann	Azusa Valley Water Company By _____	Its _____ President By _____	
28				
29				
30				
31				
32				

1	Allard, Shelton & O'Connor By _____	City of Covina Its Mayor City Hall Covina, California	Gray & Maddox By _____	East Pasadena Water Company, Ltd. By _____
2	Surr & Hellyer By _____	Its President Surr & Hellyer By _____	Its President Surr & Hellyer By _____	Its President Surr & Hellyer By _____
3	Clayson, Stark, Rothrock & Mann By _____	Clayson, Stark, Rothrock & Mann By _____	Clayson, Stark, Rothrock & Mann By _____	269 South Rosemead Pasadena, California By _____
4	Kerckhoff & Kerckhoff By _____	Covina Irrigating Company By _____	James A. Nicklin City Attorney City of El Monte By _____	City of El Monte By _____
5	Surr & Hellyer By _____	Its President Surr & Hellyer By _____	Its President Surr & Hellyer By _____	Its President Surr & Hellyer By _____
6	Clayson, Stark, Rothrock & Mann By _____	Its Secretary 146 East College Street Covina, California	Its Secretary 146 East College Street Covina, California	Its Secretary 146 East College Street Covina, California
7	George C. Gillette By _____	Cross Water Company By _____	Clayson, Stark, Rothrock & Mann By _____	Clayson, Stark, Rothrock & Mann By _____
8	Its President By _____	Its President By _____	Its President By _____	Its President By _____
9	Kerckhoff & Kerckhoff By _____	Covina Irrigating Company By _____	James A. Nicklin City Attorney City of El Monte By _____	City of El Monte By _____
10	Surr & Hellyer By _____	Its President Surr & Hellyer By _____	Its President Surr & Hellyer By _____	Its President Surr & Hellyer By _____
11	Clayson, Stark, Rothrock & Mann By _____	Its Secretary 146 East College Street Covina, California	Its Secretary 146 East College Street Covina, California	Its Secretary 146 East College Street Covina, California
12	George C. Gillette By _____	Cross Water Company By _____	Clayson, Stark, Rothrock & Mann By _____	Clayson, Stark, Rothrock & Mann By _____
13	Its President By _____	Its President By _____	Its President By _____	Its President By _____
14	Henry W. Shatford & Shatford By _____	15825 East Main Street La Puente, California	Duarte Water Company By _____	Leonard A. Shelton City Attorney City of Glendora By _____
15	Surr & Hellyer By _____	Its President By _____	Its President By _____	Its President By _____
16	Clayson, Stark, Rothrock & Mann By _____	1101 South Oak Avenue Duarte, California	Clayson, Stark, Rothrock & Mann By _____	Clayson, Stark, Rothrock & Mann By _____
17	Its President By _____	Its President By _____	Its President By _____	Its President By _____
18	Its President By _____	Its President By _____	Its President By _____	Its President By _____
19	Its President By _____	Its President By _____	Its President By _____	Its President By _____
20	Its President By _____	Its President By _____	Its President By _____	Its President By _____
21	Henry W. Shatford & Shatford By _____	15825 East Main Street La Puente, California	Duarte Water Company By _____	Leonard A. Shelton City Attorney City of Glendora By _____
22	Surr & Hellyer By _____	Its President By _____	Its President By _____	Its President By _____
23	Clayson, Stark, Rothrock & Mann By _____	1101 South Oak Avenue Duarte, California	Clayson, Stark, Rothrock & Mann By _____	Clayson, Stark, Rothrock & Mann By _____
24	Its President By _____	Its President By _____	Its President By _____	Its President By _____
25	Its President By _____	Its President By _____	Its President By _____	Its President By _____
26	Its President By _____	Its President By _____	Its President By _____	Its President By _____
27	Its President By _____	Its President By _____	Its President By _____	Its President By _____
28	Its President By _____	Its President By _____	Its President By _____	Its President By _____
29	Its President By _____	Its President By _____	Its President By _____	Its President By _____
30	Its President By _____	Its President By _____	Its President By _____	Its President By _____
31	Its President By _____	Its President By _____	Its President By _____	Its President By _____
32	Its President By _____	Its President By _____	Its President By _____	Its President By _____

1	Allard, Shelton & O'Connor By _____	Glendora Irrigating Company By _____	City of Monrovia By _____	City of Monterey Park By _____	City of Newhall By _____
2					
3	Surr & Hellyer By _____	Its _____ President By _____	Its _____ Mayor By _____	Charles R. Martin City Attorney City of Monterey Park By _____	Its _____ Mayor By _____
4					
5	Clayson, Stark, Rothrock & Mann By _____	Its _____ Secretary By _____	City Hall Monrovia, California By _____	City of Monterey Park By _____	City Hall Monterey Park, California By _____
6					
7					
8					
9					
10	Homer H. Bell City Attorney City of Monrovia By _____	City of Monrovia By _____	City Hall Monrovia, California By _____	City of Monterey Park By _____	City Hall Monterey Park, California By _____
11					
12					
13					
14	Surr & Hellyer By _____	Its Mayor By _____			
15					
16					
17	Clayson, Stark, Rothrock & Mann By _____	Clayson, Stark, Rothrock & Mann By _____	J. E. Shelton San Gabriel Valley Water Company By _____	Surr & Hellyer By _____	Clayson, Stark, Rothrock & Mann By _____
18					
19					
20					
21					
22	Charles R. Martin City Attorney City of Monterey Park By _____	City of Monterey Park By _____	Its Mayor By _____	Its _____ Mayor By _____	Its _____ Mayor By _____
23					
24					
25	Taylor & Smith By _____	320 West Newark Avenue Monterey Park, California By _____	City Hall Monterey Park, California By _____	11142 Garvey Avenue El Monte, California By _____	11142 Garvey Avenue El Monte, California By _____
26					
27					
28					
29					
30					
31					
32					

1	0'Melveny & Myers	Southern California Water Company	
2	By _____	By _____	
3	Surr & Hellyer	Its _____ President	
4	By _____	By _____	
5	Clayson, Stark, Rothrock & Mann	Its _____ Secretary	
6	11911 South Vermont Avenue Los Angeles 44, California	11911 South Mission Street South Pasadena, California	
7	By _____	By _____	
8			
9	Charles R. Martin City Attorney City of South Pasadena	City of South Pasadena	
10	By _____	By _____	
11		Its Mayor	
12		825 Mission Street South Pasadena, California	
13	Surr & Hellyer		
14	By _____		
15	Clayson, Stark, Rothrock & Mann		
16	By _____		
17			
18	Frank E. Gray	Suburban Water Systems	
19	By _____	By _____	
20		Its _____ President	
21	Surr & Hellyer	By _____	
22	By _____	Its _____ Secretary	
23	Clayson, Stark, Rothrock & Mann	16340 East Maplegrove Street La Puente, California	
24	By _____		
25			
26	Hahn & Hahn	Sunny Slope Water Company	
27	By _____	By _____	
28		Its _____ President	
29		By _____	
30			
31	Its _____ Secretary		
32	1040 El Campo Drive Pasadena, California		

1	Surr & Hellyer	Vallecito Water Company	
2	By _____	By _____	
3	Clayson, Stark, Rothrock & Mann	Its _____ President	
4	By _____	By _____	
5	Its _____ Secretary	Its _____ Secretary	
6	749 South Ninth Avenue City of Industry, California	749 South Ninth Avenue Whittier, California	
7		P.O. Box 1026, Perry Annex	
8			
9	Stearns, Gross and Moore	California Domestic Water Company	
10	By _____	By _____	
11		Its _____ President	
12		By _____	
13		Its _____ Secretary	
14		P.O. Box 1026, Perry Annex	
15			
16	Ralph B. Helm	Upper San Gabriel Valley Municipal Water District	
17		By _____	
18		Its _____ President	
19		By _____	
20		Its _____ Secretary	
21		11229 East Valley Boulevard El Monte, California	
22			
23			
24			
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30			
31			
32			

1 DISTRICT, a municipal water district, and
2 CALIFORNIA DOMESTIC WATER COMPANY, a
3 corporation,
4)
5 Intervenors.
6)

5 The original complaint herein was filed by Plaintiffs on
6 May 12, 1959, and an amended complaint was filed herein on June
7 8, 1961. Each Defendant in this action filed an answer to the
8 amended complaint denying the material allegations therein. On
9 _____, 1964, and _____, 1964,
10 respectively, Upper San Gabriel Valley Municipal Water District,
11 a municipal water district, and California Domestic Water
12 Company, a corporation, intervened in the action as Defendants.
On _____, 1964, there was filed herein a
13 Stipulation for Judgment signed by all of the parties to this
14 action.
15

16 After due examination and consideration of the
17 pleadings, said Stipulation for Judgment and other documents and
18 papers on file herein, it appears to the Court that:
19 (a) In bringing and maintaining this action, Plaintiff
20 Central Basin Municipal Water District, a municipal water
21 district, has done so as a representative of and for the benefit
22 of all owners of water rights within, all owners of land within,
23 and all inhabitants of, the district, except to the extent that
24 defendant California Domestic Water Company is representing
25 itself.
26 (b) In intervening in this action, defendant Upper
27 San Gabriel Valley Municipal Water District, a municipal water
28 district, has done so as representative of and for the benefit
29 of all owners of water rights within, all owners of land within,
30 and all inhabitants of, the district, except to the extent that
31 other Defendants who are within the district are representing
32 themselves.
33)

SUPERIOR COURT OF THE STATE OF CALIFORNIA
FOR THE COUNTY OF LOS ANGELES

9)
10)
11 BOARD OF WATER COMMISSIONERS OF THE CITY
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30)
31)
32)
Plaintiffs,
vs.
NO. 722,647
JUDGMENT
SAN GABRIEL VALLEY WATER COMPANY, a corporation; AZUSA AGRICULTURAL WATER COMPANY, a corporation; AZUSA VALLEY WATER COMPANY, a corporation; CALIFORNIA WATER & TELEPHONE COMPANY, a corporation; THE COLUMBIA LAND AND WATER COMPANY, a corporation; COVINA IRRIGATING COMPANY, a corporation; CROSS WATER COMPANY, a corporation; DIARTE WATER COMPANY, a corporation; EAST PASADENA WATER CO. LTD., a corporation; GLENDOORA IRRIGATING COMPANY, a corporation; SAN DIMAS WATER COMPANY, a corporation; SOUTHERN CALIFORNIA WATER COMPANY, a corporation; SUBURBAN WATER SYSTEMS, a corporation; SUNNY SLOPE WATER CO., a corporation; VALLECITO WATER CO., a corporation; CITY OF ALHAMBRA, a municipal corporation; CITY OF ARCADIA, a municipal corporation; CITY OF AZUSA, a municipal corporation; CITY OF COVINA, a municipal corporation; CITY OF EL MONTE, a municipal corporation; CITY OF GLENDOORA, a municipal corporation; CITY OF MONROVIA, a municipal corporation; CITY OF MONTEREY PARK, a municipal corporation; CITY OF SOUTH PASADENA, a municipal corporation; BALDWIN PARK COUNTY WATER DISTRICT, a county water district; and SAN GABRIEL COUNTY WATER DISTRICT, a county water district,
Defendants,
UPPER SAN GABRIEL VALLEY MUNICIPAL WATER

- (c) There is a need for a physical solution to the complex water problems which have given rise to this action.
- (d) The physical solution embodied in this Judgment is a feasible, equitable and just resolution of the issues presented by the amended complaint and answers thereto on file herein, and it will bring about a fair division of the water supply of the San Gabriel River System between Upper Area and Lower Area, as those terms are hereinafter defined.

(e) On the basis of the Stipulation for Judgment filed herein and the consent of all Plaintiffs and Defendants it is in the interests of justice and in furtherance of the water policy of the State of California to proceed without trial and to make and enter this Judgment.

Now, therefore, it is hereby ORDERED, ADJUDGED AND

DECREED:

1. The Court has jurisdiction of the subject matter of this action and of the Upper Area Parties and Lower Area Parties, as those terms are hereinafter defined.

2. The following Exhibits marked A and B, are attached to this Judgment and made a part hereof:

(a) Exhibit A -- Map entitled "Rio Hondo and San Gabriel River in Vicinity of Whittier Narrows Dam".

(b) Exhibit B -- Engineering Appendix.

3. As used in this Judgment, the following terms shall have the meanings assigned to them:

(a) Central Municipal -- Central Basin Municipal Water District.

(b) Upper District -- Upper San Gabriel Valley Municipal Water District.

(c) Lower Area Parties -- the Plaintiffs, and

all persons, firms and corporations, public or private, who are represented by Central Municipal.

(d) Upper Area Parties -- the Defendants, and all persons, firms and corporations, public or private, who are represented by Upper District.

(e) Upper Area -- the area (exclusive of the Raymond Basin and the portion of San Gabriel Mountains tributary thereto) wherein surface and subsurface waters are tributary to Whittier Narrows upstream from the common boundary of Upper District and Central Municipal through Whittier Narrows.

(f) Lower Area -- the area which lies downstream from the common boundary of Central Municipal and Upper District through Whittier Narrows and which is included within the incorporated limits of the Plaintiffs.

(g) Whittier Narrows -- a gap between Merced Hills and Puentecitos shown on Exhibit A.

(h) Montebello Forebay -- the area designate as such on Exhibit A.

(i) Export to Lower Area -- water diverted from surface streams in Upper Area or pumped or developed from underground sources in Upper Area, and in either case conveyed by conduit through Whittier Narrows.

(j) Subsurface Flow -- all water which passes ground water through Whittier Narrows at the "narrowest section" as shown on Exhibit A.

(k) Surface Flow -- all water other than Export to Lower Area and Subsurface Flow, which passes from Upper Area to Lower Area through Whittier Narrows.

(1) Usable Water -- all Surface Flow, Subsurface Flow and Export to Lower Area, but excluding:

- (1) that portion of Surface Flow, if any, which crosses the southerly boundary of Montebello Forebay as surface runoff less the amount of Surface Flow which has been caused to flow out of Montebello Forebay as surface runoff by any spreading of water in Montebello Forebay by or on behalf of Lower Area Parties, or any of them;
- (2) water imported by or on behalf of Lower Area Parties from outside of the watershed of the San Gabriel River System;
- (3) Reclaimed Water, as defined in subparagraph (o) herein, provided, however, that Reclaimed Water (other than that reclaimed by or on behalf of Lower Area Parties) which is percolated and commingled with ground water in Upper Area shall be deemed Subsurface Flow, Surface Flow, or Export to Lower Area as the case may be, when and if it passes through Whittier Narrows;
- (4) that portion, if any, of Export to Lower Area which in any Water Year after September 30, 1966, exceeds 23,395 acre-feet;
- (5) Make-up Water, as defined in subpara-

graph (m) herein; and

(6) any water whether flowing on the surface or beneath the surface of the ground which has passed any of the points of surface measurement in Whittier Narrows shown on Exhibit B and prior to its passing from Upper Area to Lower Area is "intercepted and returned upstream by conduit or otherwise so that it could again pass any such points of measurement.

(m) Make-up Water -- water of usable quality for ground water recharge required to be delivered to Lower Area under terms of paragraph 5 of this Judgment.

(n) Water Year -- October 1 through the following September 30.

(o) Reclaimed Water -- water reclaimed from sewage generated in the watershed of the San Gabriel River System above Whittier Narrows.

4. Lower Area Parties have rights in the water supply of the San Gabriel River System. The nature and extent of such rights is not known; however, Lower Area Parties and all other persons downstream from Whittier Narrows who receive water from the San Gabriel River System or have rights in and to such water, shall have, as against Upper Area Parties and all other pumpers of water in the San Gabriel Valley, a right to receive from Upper Area an average annual usable supply of ninety-eight thousand four hundred fifteen (98,415) acre-feet of water over a long-term period of normal rainfall derived as set forth in Exhibit B, consisting

1 of Surface Flow, Subsurface Flow, Export to Lower
2 Area and Make-up Water. If in the future a court
3 of competent jurisdiction shall decree that any
4 person downstream from Whittier Narrows within
5 Central and West Basin Water Replenishment District
6 who is not bound by this Judgment, shall have, as
7 against Upper Area Parties and substantially all
8 other pumpers in the San Gabriel Valley, a right
9 to receive from Upper Area a stated amount of
10 usable supply consisting of Surface Flow, Sub-
11 surface Flow, Export to Lower Area or Make-up
12 Water, which right arose out of and is based upon
13 the ownership of Land or the production of water
14 downstream from Whittier Narrows and within Central
15 and West Basin Water Replenishment District, then
16 and in that event the stated amount of such right
17 so decreed shall not increase the declared rights
18 as set forth in this paragraph 4.

19 PHYSICAL
20 SOLUTION
21 thereof, the Court hereby declares the following
22 physical solution to be a fair and equitable basis
23 for satisfaction of the declared right set forth
24 in paragraph 4 hereof. Compliance with this
25 paragraph 5 shall constitute full and complete
26 satisfaction of said declared right.

27 (a) It is determined that the amount of Lower
28 Area average annual entitlement to Usable Water
29 is ninety-eight thousand four hundred fifteen
30 (98,415) acre-feet.
31 (b) The outflow of water from Upper Area
32 through Whittier Narrows to Lower Area has

1 varied from year to year and will vary from
2 year to year in the future depending on
3 changing conditions of supply and demand; and
4 as to any Water Year, the average annual
5 rainfall for the San Gabriel Valley during
6 the ten (10) consecutive Water Years ending
7 with that Water Year, is a reasonable basis
8 for determining the entitlement of Lower Area
9 to Usable Water for such Water Year.
10 (c) The rainfall in each Water Year for the
11 San Gabriel Valley shall be determined by
12 application of the procedures described in
13 Exhibit B.
14 (d) The quantity of water which Lower Area
15 is entitled to receive in any Water Year
16 (hereinafter called Lower Area Annual Entitle-
17 ment) shall be determined in accordance with
18 the following table, except that no determina-
19 tion of Lower Area Annual Entitlement shall
20 be made for the last year of any Long-term
21 Accounting Period as hereinafter defined.

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1 TABLE A
 2 LOWER AREA ANNUAL ENTITLEMENT
 3 BASED ON 10-YEAR AVERAGE RAINFALL
 4 FOR SAN GABRIEL VALLEY
 5 (In Acre-feet)

Inches of Rain-fall	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
8	64,200	64,900	65,700	66,500	67,300	68,000	68,700	69,500	70,300	71,100
9	71,800	72,600	73,400	74,100	74,900	75,600	76,400	77,200	77,900	78,700
10	79,500	80,200	81,000	81,800	82,600	83,300	84,000	84,800	85,600	86,400
11	87,100	87,900	88,700	89,400	90,200	91,000	91,500	92,500	93,200	94,000
12	94,800	95,300	96,200	96,900	97,600	98,300	98,800	99,500	100,100	100,800
13	101,400	102,000	102,700	103,300	103,900	104,500	105,100	105,700	106,300	107,000
14	107,600	108,200	108,800	109,400	110,100	110,700	111,300	111,900	112,500	113,100
15	113,700	114,300	115,000	115,600	116,200	116,800	117,400	118,100	118,600	119,300
16	119,900	120,400	121,000	121,600	122,200	122,700	123,300	123,900	124,400	125,000
17	125,500	126,100	126,700	127,300	127,900	128,400	128,900	129,500	130,100	130,600
18	131,200	131,700	132,200	132,700	133,100	133,700	134,100	134,700	135,100	135,600

(f) If at the end of any Water Year it is determined pursuant to subparagraph (e) of this paragraph 5 that there is an Accrued Debit of Upper Area, then Upper District shall cause Make-up Water to be delivered to Lower Area during the following Water Year in an amount not less than the sum of (1) one-third of such Accrued Debit of Upper Area, and (2) that portion, if any, of such Accrued Debit of Upper Area over 25,000 acre-feet which remains after deducting said one-third. If Upper District shall fail to deliver Make-up Water as next above provided and Plaintiffs shall have diligently pursued their legal and equitable remedies to cause Upper District to so deliver, and either: (1) it shall be finally determined that Upper District is not obligated to so deliver, or (2) it shall appear that Upper District will not thereafter deliver Make-up Water, then Defendants and any successor or successors in interest by title to a Defendant's water right in Upper Area shall be obligated to so deliver Make-up Water. The provisions of this paragraph are subject to the provisions of paragraph 5(h) below.

(g) If at the end of any Water Year it is determined pursuant to subparagraph (e) of this paragraph 5 that there is an Accrued Credit of Upper Area, then there shall be no obligation to deliver Make-up Water to Lower Area during the following Water Year.

1 **LONG-TERM**
2 **ACCOUNTING**

3 (h) Following September 30, 1963, a Long-term
4 Accounting shall be made from time to time but
5 not sooner than at the end of 15 Water Years,
6 nor later than 25 Water Years after September
7 30, 1963, or after the last such accounting,
8 whichever is later. A Long-term Accounting
9 shall be made sooner than said 25-year period
10 whenever the average annual rainfall in the
11 San Gabriel Valley for a period of 15 Water
12 Years or more after September 30, 1963, or
13 after the last such accounting, whichever is
14 later, is at least 18 inches but not more than
15 19 inches.

16 In making such Long-term Accounting for any
17 such period (herein called Long-term
18 Accounting Period), the aggregate of all
19 Usable Water and Make-up Water received by
20 Lower Area during such period shall be deter-
21 mined and (a) there shall be deducted from said
22 aggregate the amount of Make-up Water, if any,
23 delivered during such period by reason of the
24 existence of an Accrued Debit of Upper Area
25 at the end of the immediately preceding Long-
26 term Accounting Period, or (b) there shall be
27 added to said aggregate the amount of any
28 Accrued Credit of Upper Area determined to
29 exist at the end of the immediately preceding
30 Long-term Accounting Period. The net
31 aggregate amount of Usable Water and Make-up
32 Water so computed shall be compared to the
33 result to be obtained by (1) multiplying the
34 98,415 acre-feet of water to be received by

1 Lower Area as its average annual usable supply
2 by the number of Water Years in the Long-term
3 Accounting Period, and (2) adjusting the
4 product by the percentage by which the average
5 annual rainfall (to the nearest one hundredth
6 of an inch) for the Long-term Accounting
7 Period involved exceeds or is less than 18.52
8 inches. (i.e.:

9 $98,415 \times (\text{number of Water Years in}$
10 $\text{Period}) \times (\text{average rainfall for the Period})$.)
11 If as a result of such comparison it is deter-
12 mined that there is a deficiency in the net
13 aggregate amount of Usable Water and Make-up
14 Water received during the Long-term Accounting
15 Period, then such deficiency shall be compen-
16 sated in the following Water Year by delivery
17 of Make-up Water to Lower Area in the manner
18 and by the means provided herein. If it is
19 determined as a result of such comparison that
20 there is an excess of net aggregate Usable
21 Water and Make-up Water received, then the
22 amount of such excess shall be carried forward
23 as an Accrued Credit of Upper Area.
24 (i) Make-up Water which Defendants are
25 obligated to deliver through Upper District
26 may be delivered by any one or more of the
27 following means:
28 SURFACE FLOW DELIVERY
29 (1) By causing water other than Reclaimed
30 Water to flow on the surface into Monte-
31 bello Forebay by any means and from any
32 source, provided that such deliveries shall

1 be at such rates or flows and at such times
2 as may be scheduled by the Watermaster.

3 RECLAIMED WATER CREDIT

- 4 (2) By paying to Central Municipal for
5 the benefit of all Lower Area Parties the
6 total amount or any portion of the total
7 amount which Central and West Basin Water
8 Replenishment District or any Plaintiff
9 shall have expended in reclaiming water or
10 for the purchase of Reclaimed Water in the
11 preceding Water Year, and which water when
12 so reclaimed or purchased shall have been
13 passed through Whittier Narrows to Lower
14 Area. Upon written request made by Upper
15 District not later than three months after
16 the end of a Water Year, Central Municipal
17 shall give a written notice to Upper District
18 and the Watermaster of the total number of
19 acre-feet of such Reclaimed Water so
20 reclaimed or purchased during the preceding
21 Water Year and of the cost per acre-foot
22 therefor at the existing Whittier Narrows
23 Water Reclamation Plant for reclamation of
24 waste water, and at any future additions
25 thereto, and payment therefor at said cost,
26 or costs, may be made not later than one
27 year after receipt of such written notice.
28 Such payment shall be made for the total
29 production of Reclaimed Water from the
30 existing plant in the preceding Water Year
31 before Upper District shall be entitled to
32 make payment for all, or any portion of the

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1 Reclaimed Water produced in that year by
2 any future addition to that plant. Such
3 payment by Upper District on behalf of
4 Defendants shall be deemed a delivery of
5 Make-up Water equal to the quantity of
6 Reclaimed Water for which the expenditure
7 of a like sum would have paid at the cost,
8 or costs, per acre-foot so paid for such
9 Reclaimed Water. In no event, however,
10 shall any payment by Upper District under
11 this subparagraph (i)(2) be deemed a
12 delivery of Make-up Water in excess of
13 14,735 acre-feet in any Water Year during
14 which the amount of Make-up Water required
15 to be furnished by Upper Area is available
16 to it at ground water replenishment rates
17 for delivery to Lower Area, except with
18 the prior written consent of Plaintiffs.

19 DIRECT DELIVERY

- 20 (3) By delivering, or causing to be deli-
21 vered, water to any of Lower Area Parties
22 with consent of Plaintiffs for use in
23 Lower Area.
- 24 (WATER
25 RIGHTS
26 BOUND)
- 27 (i) It is further determined and adjudicated
28 that the obligations provided above in sub-
29 paragraphs (f) and (h) of this paragraph 5
30 for each Defendant shall constitute and be a
31 servitude upon the existing water rights of
32 each Defendant in and to the water supply of
the San Gabriel River System upstream from
Lower Area and shall run with and forever bind
said water rights for the benefit of the water

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1 rights of Lower Area Parties.
2 (k) If any Defendant, other than Upper
3 District, shall desire to transfer all or any
4 of its said water rights to a person, firm or
5 corporation, public or private, who or which
6 is not then bound by this Judgment as a
7 Defendant, such Defendant shall as a condition
8 to being discharged as hereinafter provided
9 cause such transferee to appear in this action
10 and file a valid and effective express assump-
11 tion of the obligations imposed upon such
12 Defendant under this Judgment as to such
13 transferred water rights. Such appearance and
14 assumption of obligations shall include the
15 filing of a designation of the address to which
16 shall be mailed all notices, requests, objec-
17 tions, reports and other papers permitted or
18 required by the terms of this Judgment.
19 If any Defendant shall have transferred
20 all of its said water rights and each transferee
21 not theretofore bound by this Judgment as a
22 Defendant shall have appeared in this action
23 and filed a valid and effective express
24 assumption of the obligations imposed upon such
25 Defendant under this Judgment as to such
26 transferred water rights, such transferring
27 Defendant shall thereupon be discharged from
28 all obligations hereunder. If any Defendant
29 other than Upper District shall cease to own
30 any rights in and to the water supply of the
31 San Gabriel River System upstream from Lower
32 Area, and shall have caused the appearance

1 and assumption provided for in the third
2 preceding sentence with respect to each
3 voluntary transfer, then upon application to
4 this Court and after notice and hearing such
5 Defendant shall thereupon be relieved and
6 discharged from all further obligations here-
7 under. Any such discharge of any Defendant
8 hereunder shall not impair the aggregate rights
9 of Lower Area Parties or the responsibility
10 hereunder of the remaining Defendants or any
11 of the successors.
12 WATERMASTER PROVISIONS
13 6. A Watermaster comprised of three persons to be
14 nominated as hereinafter provided shall be appointed
15 by and serve at the pleasure of and until further
16 order of this Court. One shall be a representative
17 of Upper Area Parties nominated by and through
18 Upper District, one shall be a representative of
19 Lower Area Parties nominated by and through
20 Central Municipal, and one shall be jointly
21 nominated by Upper District and Central Municipal.
22 If a dispute arises in choosing the joint appointee,
23 the Court shall make the appointment. If Central
24 Municipal or Upper District shall at any time or
25 times nominate a substitute appointee in place
26 of the appointee last appointed to represent
27 Lower Area Parties, in the case of Central
28 Municipal, or to represent Upper Area Parties,
29 in the case of Upper District, or if Central
30 Municipal and Upper District shall at any time
31 or times jointly nominate a substitute appointee
32 in place of the joint appointee last appointed,

such substitute appointee shall be appointed by
the Court in lieu of such last appointee or joint
appointee. Each such nomination shall be made in
writing, served upon the other parties to this
action and filed with the Court. The Watermaster
when so appointed shall administer and enforce
the provisions of this Judgment and the instructions
and subsequent orders of this Court.

7. The Watermaster shall have the following powers
and duties and shall take all steps necessary to
make the following determinations for each Water
Year promptly after the end of such Water Year:

(a) the amount of Surface Flow,
(b) the amount of Subsurface Flow,
(c) the amount of Export to Lower Area,
(d) the amount of water which passed as Surface
Flow or Subsurface Flow across the boundary
between Upper Area and Lower Area through
Whittier Narrows and which was imported by or
on behalf of Lower Area Parties from outside of
the watershed of the San Gabriel River System
above Whittier Narrows,

(e) the amount and quality of Reclaimed Water
reclaimed by or on behalf of Lower Area,

(f) the total amount of Make-up Water delivered
to Lower Area, together with the respective
amounts delivered by each method specified in
paragraph 5 of this Judgment,

(g) the amount of Usable Water received by
Lower Area,

(h) the amount of local storm inflow,
originating in Lower Area, to the channel of

each of Rio Hondo and San Gabriel River within
Montebello Forebay,
(i) the surface outflow from Montebello
Forebay in the channel of each of the Rio
Hondo and San Gabriel River,
(j) the number of inches of depth of average
rainfall in the San Gabriel Valley,
(k) the average annual rainfall in the San
Gabriel Valley for the ten consecutive Water
Years just ended,

(l) Lower Area Annual Entitlement or the
entitlement for the Long-term Accounting
Period, determined pursuant to subparagraph
(d) or (h), respectively, of paragraph 5 of
this Judgment,

(m) Accrued Debit of Upper Area, if any, or
Accrued Credit of Upper Area, if any, as it
exists at the end of such Water Year, and
(n) the amount, if any, of Make-up Water
which Upper District is obligated to deliver
during the following Water Year.

DETERMINATIONS 8. Each of the above required determinations shall
be based on and conform to the procedures specified
in this Judgment and in Exhibit B insofar as said
exhibit provides a procedure.

9. The Watermaster shall report to the Court and
to each party in writing at the same time and not
more than five months after the end of each Water
Year the determinations required by paragraph 7
above.

The Watermaster shall cause to be installed and
maintained in good working order such measuring

1 devices in Whittier Narrows and elsewhere as are
2 necessary or required and not otherwise available
3 for the making of the determinations required by
4 paragraph 7 above.

5 The Watermaster shall collect and assemble
6 from each of the parties, and the parties shall
7 make available to the Watermaster, such records,
8 reports and other data as may reasonably be
9 required in the making of the determinations
10 required of the Watermaster under paragraph 7 above.
11 All records, reports and data received, maintained
12 or compiled by the Watermaster shall be open to
13 inspection by any party or its representative.
14

15 Any party who objects to any determination
16 made by the Watermaster pursuant to paragraph 7
17 above, may make such objection in writing to the
18 Watermaster within thirty (30) days after the
19 Watermaster gives the required written notice of
20 such determination. Within thirty (30) days after
21 expiration of the time within which objection may
22 be made to such determination, the Watermaster
23 shall consider all objections thereto and shall
24 amend, modify or affirm the determination and
25 give notice thereof at the same time to all parties
26 and shall file a copy of such final determination
27 with the Court. If the Watermaster denies any
28 objection in whole or in part, the party whose
29 objection was so denied may within thirty (30)
30 days after service of the final determination
31 upon it, make written objection to such denial
32 by filing its objections with the Court after first
mailing a copy of such objections to the

1 Watermaster and to each party, and such party shall
2 bring its objections on for hearing before the
3 Court upon notice and motion and at such time as
4 the Court may direct. If the Watermaster shall
5 change or modify any determination, then any party
6 may within fifteen (15) days after service of such
7 final determination upon it object to such change
8 or modification by following the procedure
9 prescribed above in the case of a denial of an
10 objection to the first determination. If objection
11 to a final determination is filed with the Court
12 as herein provided and brought on for hearing,
13 then such final determination may be confirmed or
14 modified in whole or in part as the Court may deem
15 proper.

16 CHANGE IN
17 METHOD OF
18 MEASUREMENT

19 11. If the Watermaster shall deem it advisable to
20 make a change in the method of making any measure-
21 ment required under the terms of this Judgment,
22 the Watermaster shall notify all parties of such
23 proposed change, and if within sixty (60) days of
24 such notification no party shall file written
25 objections to such change with the Watermaster,
26 the Watermaster may put such proposed change into
27 effect. If, however, any party files its written
28 objection to the proposed change, it shall by
29 notice of motion filed not later than fifteen
30 (15) days after the expiration of said 60-day
31 period and served on the Watermaster and all parties
32 bring its objection on for hearing before the Court
at such time as the Court may direct, and the
Court shall rule on whether the Watermaster may
make such proposed change.

1 12. In addition to the above-specified administrative powers and duties, the Watermaster shall
2 prepare a tentative budget for each Water Year,
3 stating the estimated expense for discharging the
4 duties of the Watermaster set forth in this
5 Judgment. The Watermaster shall mail a copy of
6 the tentative budget to each of the parties at
7 the same time at least sixty (60) days before the
8 beginning of each Water Year. However, with
9 respect to the first Water Year following the
10 entry of this Judgment, the tentative budget
11 shall be mailed not later than one hundred and
12 twenty (120) days from the entry of this Judgment.
13 If any party has an objection to a tentative
14 budget, or any suggestions with respect thereto,
15 that party shall present the same in writing to
16 the Watermaster within fifteen (15) days after
17 service of the tentative budget upon it. If no
18 objections are received, the tentative budget
19 shall become the final budget. If objections to
20 the tentative budget are received, the Watermaster
21 shall, within fifteen (15) days after the expiration
22 of the time for presenting objections,
23 consider all such objections, prepare a final
24 budget, and mail a copy thereof to each party,
25 together with a statement of the amount assessed,
26 if any, to each party, computed as provided in
27 paragraph 13. If the Watermaster denies any
28 objection in whole or in part, the party whose
29 objection was so denied may, within fifteen (15)
30 days after service of the final budget upon it,
31 make written objection to such denial by filing

1 its objections with the Court after first
2 mailing a copy of such objections to each
3 party, and such party shall bring its objections
4 on for hearing before the Court upon notice and
5 motion and at such time as the Court may direct.
6 If the Watermaster makes a change in the tentative
7 budget, then any party may within fifteen (15)
8 days after service of the final budget upon it
9 object to any such change by following the
10 procedure prescribed above in the case of a denial
11 of an objection to the tentative budget. If
12 objection to the final budget is filed with the
13 Court as herein provided and brought on for
14 hearing, then such final budget may be confirmed
15 or adjusted in whole or part as the Court may deem
16 proper.
17 FEES AND
18 EXPENSES
19 13. The fees, compensation and expenses of the
20 Watermaster hereunder shall be borne by the parties
21 in the following proportions: 50% by Upper
22 District, 41.2% by Central Municipal, 7.125% by
23 the City of Long Beach, and 1.675% by the City of
24 Compton, or such other division among the Plaintiffs
25 as they may agree upon in writing and file with
26 the Watermaster.
27 Payment of the amount assessed to a party,
28 whether or not subject to adjustment by the Court
29 as provided in paragraph 12, shall be paid on or
30 prior to the beginning of the Water Year to which
31 the final budget and statement of assessed costs
32 is applicable. If such payment by any party is
not made on or before said date, the Watermaster
shall add a penalty of 5% thereof to such party's

1 statement. Payment required of any party here-
2 under may be enforced by execution issued out of
3 this Court, or as may be provided by order here-
4 inafter made by this Court. All such payments
5 and penalties received by the Watermaster shall
6 be expended by him for the administration of this
7 Judgment. Any money remaining at the end of any
8 Water Year shall be available for use in the
9 following Water Year.

10 14. If a public agency or district shall be
11 formed hereafter which shall include the present
12 area of Upper District and shall have ability
13 equal to or greater than that which Upper District
14 now has to perform the obligations under this
15 Judgment, and shall appear in this action and
16 file a valid and effective assumption of such
17 obligations, then Upper District upon application
18 to this Court, and after notice and hearing, shall
19 thereupon be relieved and discharged from all
20 further obligations hereunder.

21 15. Full jurisdiction, power and authority is
22 retained and reserved by the Court for the purpose
23 of enabling the Court upon application of any
24 party by motion and upon at least thirty (30)
25 days notice thereof, and after hearing thereon
26 (i) to make such further or supplemental orders
27 or directions as may be necessary or appropriate
28 for the construction, enforcement or carrying out
29 of this Judgment, and (ii) to modify, amend or
30 amplify any of the provisions of this Judgment
31 whenever substantial developments affecting the
32 physical, hydrological or other conditions dealt

1 with herein may, in the Court's opinion, justify
2 or require such modification, amendment or
3 amplification.

4 If at any time Plaintiffs and at least two-
5 thirds of the Defendants including any two of the
6 cities of Alhambra, Azusa and Monterey Park, shall
7 file with the Court a written stipulation (i) that
8 henceforth in determining any one or more of the
9 component parts of Usable Water received by Lower
10 Area in any Water Year, the Watermaster shall not
11 use the method specified in this Judgment but
12 shall use instead a new, different or altered
13 method as specified and described in such
14 stipulation, and (ii) that such new, different or
15 altered method or methods shall be applied to
16 redetermine the average annual amount of Usable
17 Surface Flow, Subsurface Flow and Export to Lower
18 Area which Lower Area received each Water Year
19 during the period October 1, 1934 to September
20 30, 1959, referred to as the base period, and
21 that on the basis of such redetermination the
22 Court may modify paragraphs 4 and 5 of this
23 Judgment to establish a new and different water
24 entitlement and yearly adjustment thereto which
25 shall thereafter control, then and in that event,
26 after hearing pursuant to motion and notice to
27 all parties, held at such time as the Court may
28 direct, the Court may deny the motion or it may
29 grant it and (a) approve the future use of the
30 stipulated new, different or altered method or
31 methods, by the Watermaster, and (b) by use of the
32 stipulated new, different or altered method or

methods, redetermine the average annual amount of Usable Surface Flow, Subsurface Flow and Export to Lower Area received each Water Year during the base period, and on the basis thereof modify paragraphs 4 and 5 of this Judgment to provide for a new and different water entitlement and yearly adjustment thereto, which modifications shall be effective and control commencing with the Water Year following the entry of the order so modifying paragraphs 4 and 5.

16. Every transfer of any of those water rights of Defendants which are the subject of Paragraph 5(j) of this Judgment, whether such transfer is voluntary or involuntary, shall be reported promptly in writing by the transferor to the Watermaster; and the Watermaster shall give prompt written notice of such transfer to each party and to each transferee involved in every other transfer of any of those water rights. Such report by the transferor and notice by the Watermaster shall contain the following information as to each such transfer:

- (a) The identity of the transferor;
- (b) The identity of the transferee;
- (c) The effective date of the transfer;
- (d) A brief description of the document by which such transfer is made, and the recording data, if any;
- (e) A statement as to whether the transfer was voluntary or involuntary;
- (f) A statement whether or not after such transfer the transferor still has or

claims to have any of the water rights which are the subject of Paragraph 5(j) of this Judgment.

17. All notices, requests, objections, reports and other papers permitted or required by the terms of this Judgment shall be given or made by written document and shall be served by mail on each party and on each transferee of water rights who has appeared and filed the assumption of obligations required by Paragraph 5(k) of this Judgment, and where required or appropriate, on the Watermaster. For all purposes of this paragraph the mailing address of each party shall be that set forth below its signature to the Stipulation for Judgment, and the mailing address of each transferee of water rights shall be that set forth in the appearance and assumption of obligations required by Paragraph 5(k) of this Judgment, until changed as provided below. No further notice of any kind as to any matter arising hereunder, including notice to attorneys of record for any party or such transferee, need be given, made or served.

If any party or any such transferee of water rights shall desire to change its designation of mailing address, it shall file a written notice of such change with the clerk of this court and shall serve a copy thereof by mail on the Watermaster. Upon the receipt of any such notice the Watermaster shall promptly give written notice thereof to each party and to each transferee of water rights.

EFFECTIVE
DATE

18. The rights decreed and the obligations imposed by this Judgment shall be effective October 1, 1963, and shall accrue from that date.

Dated: _____, 1964.

Judge

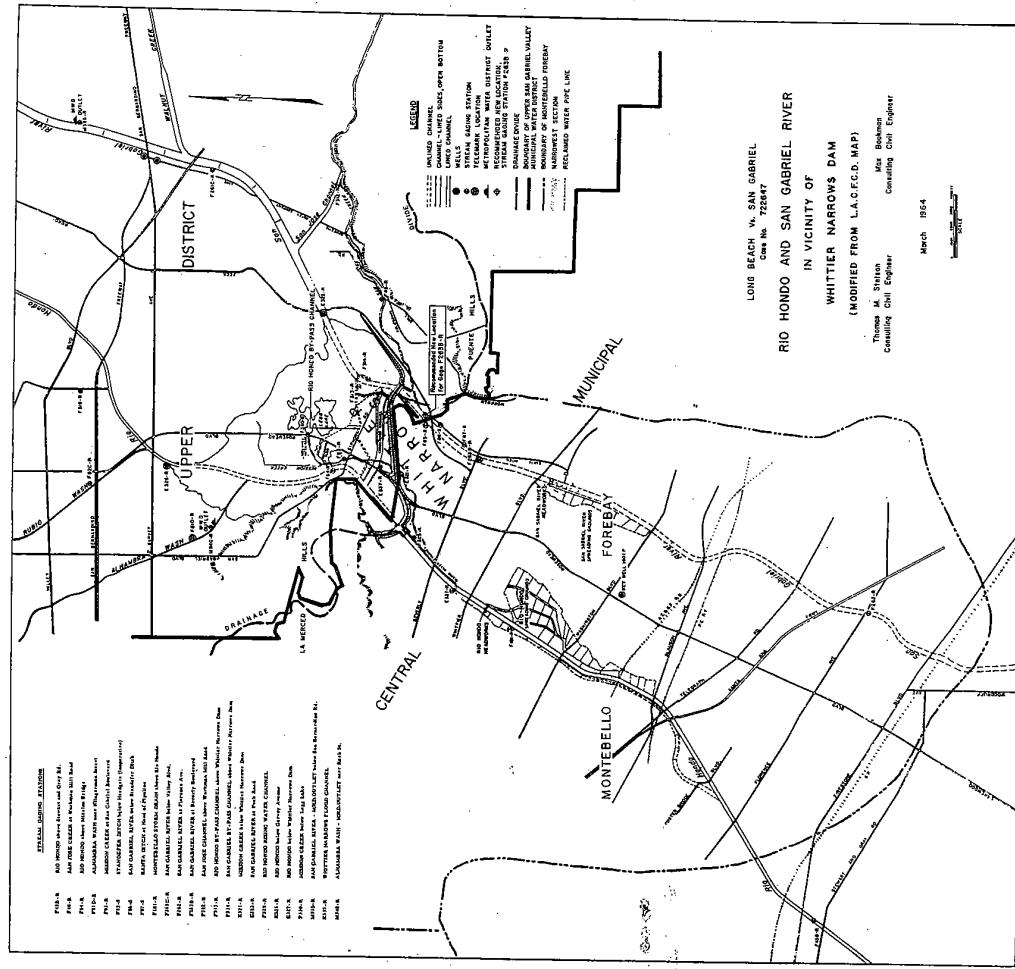


EXHIBIT A

LONG BEACH v. SAN GABRIEL

ENGINEERING APPENDIX

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1 **ENGINEERING APPENDIX**

2 **INTRODUCTION**

3 Pursuant to the declaration of rights contained in
4 Paragraph 4 of the Judgment and the physical solution
5 contained in paragraph 5 of the Judgment, the purpose of this
6 exhibit is to establish the basis for calculations and
7 measurements to provide for operation of the Judgment in the
8 future.

9 Unless otherwise provided in this exhibit, all terms
10 used herein are used in the same sense as defined or used in
11 the Judgment.

12 The derivation of the Lower Area average annual
13 entitlement is based upon the data presented herein covering
14 the base period. However, if a more accurate method of
15 determining Subsurface Flow is developed at some future time,
16 it will be acceptable for use in carrying out the terms of this
17 Judgment so long as it can also apply to the base period and to
18 the years over which the Judgment shall have operated to that
19 time.

20 I. DERIVATION OF LOWER AREA AVERAGE ANNUAL ENTITLEMENT

21 The Lower Area average annual entitlement is
22 stipulated in Paragraph 5 (a) of the Judgment to be 98,415
23 acre-feet. It was derived from three components of water
24 supply over the base period, October 1, 1934, through
25 September 30, 1959. Said components were: (1) Usable Surface
26 Flow, (2) Subsurface Flow, and (3) Export to Lower Area.

27 A. Usable Surface Flow

28 For the base period, Usable Surface Flow was
29 calculated as that portion of Surface Flow which percolated

1 in Montebello Forebay, less the calculated amounts of Lower Area
2 Replenishment Water (hereby defined as water imported from outside
3 of the watershed of the San Gabriel River system by or on behalf
4 of Lower Area Parties for replenishment of Montebello Forebay
5 and passing from Upper Area to Lower Area), and less one-half
6 of the Raymond Basin sewage discharged in Upper Area from the
7 Tri-City Sewage Treatment Plant.

8 Table 1 presents the calculation of Usable Surface
9 Flow during the base period. The average annual quantity was
10 calculated to be 51,620 acre-feet. Its derivation is summarized
11 in the following tabulation.

	Average annual quantity in acre- feet
14. Surface Flow	108,560
15. 1. Montebello Forebay surface outflow	45,000
16. 2. Local storm inflow within Montebello Forebay	<u>1,660</u>
17. 3. Portion of Surface Flow leaving Montebello Forebay (2 minus 3)	43,340
18. 4. Portion of Surface Flow leaving Montebello Forebay (2 minus 3)	43,340
19. 5. Surface Flow percolated in Montebello Forebay (1 minus 4)	65,220
20. 6. Lower Area Replenishment Water (Colorado River water) passing through Whittier Narrows	11,870
21. 7. One-half of Raymond Basin sewage discharged in Upper Area	1,730
22. 8. Usable Surface Flow (5 minus 6 minus 7)	51,620

CALCULATION OF USABLE SURFACE FLOW

B. Subsurface Flow

The State of California, Department of Water Resources, published in April 1962, Appendix B, "Safe Yield Determinations", of Bulletin No. 104, a report entitled Utilization of the Ground Water Basins of the Coastal Plain Los Angeles County". That report included estimates of seasonal Subsurface Flow through Whittier Narrows for each Year during the period 1934-35 through 1956-57. By applying the same methods of computation, the estimates have been extended through the Water Year 1958-59 and a 25-year average of 28,400 acre-feet derived.

Table 2 sets out the Subsurface Flow for each Year in the base period and the average annual Subsurface flow during the base period.

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TABLE 2
SUBSURFACE FLOW
DURING BASE PERIOD

Water Year	Acre-Feet
1934-35	33,500
36	33,500
37	31,100
38	25,600
39	25,000
1939-40	23,900
41	23,300
42	21,800
43	21,900
44	23,700
1944-45	23,500
46	23,100
47	22,400
48	25,700
49	30,300
1949-50	34,000
51	32,800
52	32,100
53	32,800
54	33,200
1954-55	33,600
56	32,200
57	32,600
58	30,500
1958-59	27,800
TOTAL	709,900
Average	28,400
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C. Export to Lower Area

During the base period there were a number of water producers or water service agencies which produced water by surface diversions or wells in Upper Area and exported it to Lower Area. At the present time, and for the past several years, all such water has been pumped from wells in Upper Area.

There are four water service agencies which currently so export water. They are the Rincon Ditch Company, California Domestic Water Company, Suburban Water Systems, and the City of Whittier.

Table 3 sets forth Export to Lower Area for each Water Year during the base period and the average annual Export to Lower Area during the base period.

1 TABLE 3
2 EXPORT TO LOWER AREA
3 DURING BASE PERIOD

4 Water Year	5 Acre-Feet
5 1934-35	15,049
6 35-36	21,044
7 36-37	22,668
8 37-38	25,151
9 38-39	27,532
10 1939-40	22,566
11 40-41	24,191
12 41-42	27,514
13 42-43	30,484
14 43-44	31,182
15 1944-45	25,953
16 45-46	27,456
17 46-47	29,977
18 47-48	30,655
19 48-49	25,515
20 1949-50	18,363
21 50-51	21,651
22 51-52	16,302
23 52-53	18,141
24 53-54	18,360
25 1944-55	18,796
26 55-56	20,728
27 56-57	19,686
28 57-58	22,031
29 58-59	23,881
30 TOTAL	584,886
31 Average	23,395

1 D. Derivation of Lower Area Average Annual Entitlement
2 Table 4 presents the derivation of the Lower Area
3 average annual entitlement.

4 TABLE 4

5 LOWER AREA AVERAGE ANNUAL ENTITLEMENT 6 (In acre-feet for base period)
7 23,395
8 Usable Surface Flow (Table 1)
9 51,620
10 Subsurface Flow (Table 2)
11 28,400
12 Export to Lower Area (Table 3)
13 23,395
14 Sub-total
15 103,415
16 Stipulated deduction
17 5,000
18 Lower Area average annual entitlement
19 98,415

20 II. DETERMINATION OF FUTURE LOWER AREA ANNUAL ENTITLEMENT
21 In determining a future Lower Area Annual Entitlement,
22 as set forth in paragraph 5 (d) of the Judgment, the annual
23 rainfall for San Gabriel Valley shall be determined in
24 accordance with procedures set forth below, which are those
25 presently utilized by the Los Angeles County Flood Control
26 District. The 90-year (1872-73 through 1961-62) average
27 rainfall for San Gabriel Valley has been calculated by said
28 District to be eighteen and fifty-two one-hundredths (18.52)
29 inches. For purposes of this Judgment, this quantity shall
30 be the long-term average annual rainfall for San Gabriel Valley
31 and shall not be subject to change.
32
33 The arithmetic average of the annual rainfall
34 recorded at the four precipitation stations listed below shall
35 constitute the rainfall for San Gabriel Valley for the
36 respective Water Year.

Station No.
 1 95 114 East First Street, San Dimas
 2 102C 19711 East Valley Blvd., Walnut
 3 108C 119 South Hoyt Avenue, El Monte
 4 610B City Hall, Pasadena

Table 5 presents the annual rainfall for San Gabriel
 Valley for the Water Years 1954-55 through 1962-63.

TABLE 5

ANNUAL RAINFALL FOR SAN GABRIEL VALLEY

Water Year	Rainfall, Inches
1954-55	13.9
56	16.7
57	13.7
58	30.2
59	8.5
1959-60	10.6
61	5.9
62	22.4
63	12.3

The average rainfall in inches for the ten (10) consecutive Water Years ending with the year for which entitlement is being calculated shall be used as the basis for determining Lower Area Annual Entitlement.

Lower Area Annual Entitlements have been computed for 10-year average rainfall in increments of one-tenth (0.1) inch between fourteen (14) and twenty-five (25) inches and are set forth in Table A in paragraph 5 (d) of the Judgment. The following outlines the procedure for determining Lower Area Annual Entitlement from Table A:

- (1) Derive the 10-year average rainfall for San Gabriel Valley to the nearest one-tenth (0.1) inch;
- (2) Enter Table A in left-hand column at whole number of inches of rainfall; and

(3) Read horizontally to the vertical column representing the appropriate tenth of an inch of rainfall to obtain the quantity of Lower Area Annual Entitlement in acre-feet.

III. FUTURE MEASUREMENTS

It will be necessary to maintain records of measurement of stream flow, flow in pipelines, rainfall and depth to ground water at a number of locations. The purpose of this Part III is to locate and identify those measurement stations and to specify the manner in which the measurements are to be used in the future operation of the Judgment. The line through Whittier Narrows shown on Exhibit A as "narrowest section" is the line at which accounting shall be made of the water to be received in the future by Lower Area Parties. The Watermaster shall, insofar as practicable, utilize measurement data available from existing sources. When such data are not available the Watermaster may make such measurements as may be necessary or reasonably required for the purposes of this Judgment. The Watermaster is hereby authorized to re-establish, rebuild or replace measuring stations whenever necessary for the operation of this Judgment.

A. Surface Water Measurements and Calculations.

There may be several categories of water flowing on the surface through Whittier Narrows. Among them may be local stream flow, Lower Area Replenishment Water, Reclaimed Water and Make-up Water. The Watermaster shall have the responsibility of determining the quantities of each category of water flowing through Whittier Narrows in the future.

The approximate locations of stream measuring stations in and near Whittier Narrows are shown on Exhibit A. The surface

- water measurements and calculations shall include the following:
1. Measurements of Surface Flow.
 - a. Rio Hondo above Mission Bridge, Station F64-R.
 - b. Mission Creek at San Gabriel Boulevard, Station F33-R.
 - c. Rio Hondo By-Pass Channel, Station F313-R.
 - d. Whittier Narrows Flood Channel, Station E337-R.
 - e. Calculation of Sycamore Canyon runoff based on annual rainfall to nearest inch at Station 170-C as shown on Table 6.
 - f. San Gabriel River near Parkway Bridge. This is to be a new station to replace the existing station on San Gabriel River at Beverly Boulevard, Station F263B-R.
 - g. The portion of Reclaimed Water from Whittier Narrows Reclamation Plant diverted to Rio Hondo.
 2. Measurement of local storm inflow to the channel of each of the Rio Hondo and San Gabriel River within Montebello Forebay.
 - a. Montebello storm drain, Station F181-R.
 - b. Calculation of unmeasured local storm inflow.
 3. Measurements of diversions to spreading grounds Montebello Forebay.
 4. Measurement of surface outflow from Montebello Forebay in the channel of each of Rio Hondo and

- 1 San Gabriel River.
 - 2 a. Rio Hondo above Stewart and Gray Road, Station F45B-R.
 - 3 b. San Gabriel River at Florence Avenue, Station F262-R.
- 4 5. Measurement of Lower Area Replenishment Water imported to Upper Area from outside the watershed of the San Gabriel River system.
 - 5 a. Rio Hondo By-pass Channel, Station F313-R.
 - 6 b. San Gabriel By-Pass Channel, Station F314-R.
 - 7 c. San Gabriel River MWD Outlet, Station M335-R.
 - 8 d. Alhambra Wash MWD Outlet, Station M340-R.
 - 9 e. Any other measuring point or points in Upper Area at which such replenish-
ment water is released.
- 10 6. Measurement of total Reclaimed Water from Whittier Narrows Reclamation Plant reclaimed by or on behalf of Lower Area Parties.
 - 11 In the event that any of the aforementioned gaging stations are inoperative for any reason and for any period of time the Watermaster shall estimate the quantity that would have been measured at the station had it been operative. The estimate shall be based on correlation to nearby operative measuring stations or on other reasonable engineering methods.
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1 TABLE 6
 2 RAINFALL - RUNOFF RELATIONSHIP OF Sycamore Canyon*

3
 4 Annual rainfall, in inches at
 5 Precipitation Station No. 170-C

		Estimated runoff in acre-feet	
6	7	10	5
7	8	15	6
8	10	25	7
9	11	35	A = Cross-sectional area
10	12	45	
11	13	60	
12	14	75	
13	15	90	
14	16	105	
15	17	125	
16	18	145	
17	19	170	
18	20	200	
19	21	240	
20	22	275	
21	23	315	
22	24	355	
23	25	400	
24	26	445	
25	27	490	
26	28	535	
27	29	580	
28	30	630	
29	31	685	
30	32	740	
31	33	795	
32	34	850	
33	35	905	
34	36	960	
35	37	1015	
36	38	1070	
37	39	1125	
38	40	1180	
39	41	1235	
40	42	1290	
41	43	1345	
42	44	1400	
43	45	1455	
44	46	1510	
45	47	1565	
46	48	1620	
47	49	1675	
48	50	1730	
49	51	1785	
50	52	1840	
51	53	1895	
52	54	1950	
53	55	2005	
54	56	2060	
55	57	2115	
56	58	2170	
57	59	2225	
58	60	2280	
59	61	2335	
60	62	2390	
61	63	2445	
62	64	2500	
63	65	2555	
64	66	2610	
65	67	2665	
66	68	2720	
67	69	2775	
68	70	2830	
69	71	2885	
70	72	2940	
71	73	2995	
72	74	3050	
73	75	3105	
74	76	3160	
75	77	3215	
76	78	3270	
77	79	3325	
78	80	3380	
79	81	3435	
80	82	3490	
81	83	3545	
82	84	3600	
83	85	3655	
84	86	3710	
85	87	3765	
86	88	3820	
87	89	3875	
88	90	3930	
89	91	3985	
90	92	4040	
91	93	4095	
92	94	4150	
93	95	4205	
94	96	4260	
95	97	4315	
96	98	4370	
97	99	4425	
98	100	4480	
99	101	4535	
100	102	4590	
101	103	4645	
102	104	4690	
103	105	4745	
104	106	4790	
105	107	4845	
106	108	4890	
107	109	4945	
108	110	4990	
109	111	5045	
110	112	5090	
111	113	5145	
112	114	5190	
113	115	5245	
114	116	5290	
115	117	5345	
116	118	5390	
117	119	5445	
118	120	5490	
119	121	5545	
120	122	5590	
121	123	5645	
122	124	5690	
123	125	5745	
124	126	5790	
125	127	5845	
126	128	5890	
127	129	5945	
128	130	5990	
129	131	6045	
130	132	6090	
131	133	6145	
132	134	6190	
133	135	6245	
134	136	6290	
135	137	6345	
136	138	6390	
137	139	6445	
138	140	6490	
139	141	6545	
140	142	6590	
141	143	6645	
142	144	6690	
143	145	6745	
144	146	6790	
145	147	6845	
146	148	6890	
147	149	6945	
148	150	6990	
149	151	7045	
150	152	7090	
151	153	7145	
152	154	7190	
153	155	7245	
154	156	7290	
155	157	7345	
156	158	7390	
157	159	7445	
158	160	7490	
159	161	7545	
160	162	7590	
161	163	7645	
162	164	7690	
163	165	7745	
164	166	7790	
165	167	7845	
166	168	7890	
167	169	7945	
168	170	7990	
169	171	8045	
170	172	8090	
171	173	8145	
172	174	8190	
173	175	8245	
174	176	8290	
175	177	8345	
176	178	8390	
177	179	8445	
178	180	8490	
179	181	8545	
180	182	8590	
181	183	8645	
182	184	8690	
183	185	8745	
184	186	8790	
185	187	8845	
186	188	8890	
187	189	8945	
188	190	8990	
189	191	9045	
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192	194	9190	
193	195	9245	
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249	251	12045	
250	252	12090	
251	253	12145	
252	254	12190	
253	255	12245	
254	256	12290	
255	257	12345	
256	258	12390	
257	259	12445	
258	260	12490	
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261	263	12645	
262	264	12690	
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266	268	12890	
267	269	12945	
268	270	12990	
269	271	13045	
270	272	13090	
271	273	13145	
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279	281	13545	
280	282	13590	
281	283	13645	
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287	289	13945	
288	290	13990	
289	291	14045	
290	292	14090	
291	293	14145	
292	294	14190	
293	295	14245	
294	296	14290	
295	297	14345	
296	298	14390	
297	299	14445	
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307	309	14945	
308	310	14990	
309	311	15045	
310	312	15090	
311	313	15145	
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313	315	15245	
314	316	15290	
315	317	15345	
316	318	15390	
317	319	15445	
318	320	15490	
319	321	15545	
320	322	15590	
321	323	15645	
322	324	15690	
323	325	15745	
324	326	15790	
325	327	15845	
326	328	15890	
327	329	15945	
328	330	15990	
329	331	16045	
330	332	16090	
331	333	16145	
332	334	16190	
333	335	16245	
334	336	16290	
335	337	16345	
336	338	16390	
337	339	16445	
338	340	16490	
339	341	16545	
340	342	16590	
341	343	1664	

1 equal to .003095 cubic feet per second per square foot. This
 2 represents the average permeability in the zone of water level
 3 fluctuation.
 4 In order to correct for the unsaturated depth, the
 5 equation $Q = TWI$ is modified to $Q = (TW - C)I$ where
 6 $C = PWd$,
 7 C = The flow which would occur in the unsaturated
 8 section if it were saturated, in cubic feet
 9 per second under unit hydraulic gradient.
 10 PW = Average permeability for a distance of 100
 11 feet below the ground surface.
 12 W = The cross-sectional width, or 7,900 feet.
 13 d = The distance from the water surface to the
 14 top of the ground, or 208 feet minus ground
 15 water elevation.
 16 Utilizing the values of permeability shown above, then
 17 $C = 24.45 d$, in cubic feet per second, for values
 18 of "d" to a depth of 100 feet below the
 19 ground surface.
 20 The "effective transmissibility" is equal to the total
 21 transmissibility times the width at the narrowest section minus
 22 C , or,
 23 $TW_e = TW - C$
 24 $TW_e = 7,334 - C$, in cubic feet per second.
 25 Subsurface Flow is equal to the effective transmis-
 26 sibility times the average slope of the water table. The formula
 27 derived from the foregoing, may be stated as follows:
 28 $Q = 724 I [7,334 - 24.45 (208 - E)]$
 29 Where: Q = Subsurface Flow in acre-feet per year,
 30 I = Average adjusted slope of ground water
 31 surface at narrowest section, and
 32 E = Ground water elevation of the water
 33 surface in feet above sea level at the
 34 narrowest cross-section.
 35 The detailed steps to be carried out by the Watermaster
 36 are as follows:

- (1) Ground water level contour maps in the vicinity of Whittier
Narrows are drawn on the basis of water level measurements.
- (2) A line representing the narrowest cross-section is drawn on the ground water contour maps.
- (3) This line is subdivided into four equal lengths.
- (4) The average slope of the water table at each of the three points within the narrowest section is determined along a line perpendicular to the ground water contours in the manner heretofore used by the State of California, Department of Water Resources.
- (5) Adjustment is made to the ground water slope at each of the three points so that it is perpendicular to the narrowest section by:
- (a) measuring the angle, in degrees, between the line representing the narrowest cross-section and the tangent to the flow line at the narrowest cross-section,
- (b) applying the sine of that angle to the previously determined slope to determine the adjusted slope, and
- (c) obtaining an average of the three adjusted slopes to represent the average slope through the narrowest cross-section.
- (6) The elevation of the water surface at the narrowest cross-section is determined by interpolating between the ground water contours.
- (7) The distance to the ground water surface is computed from the top of the ground by the formula: $d = 208 - E$, where E represents the average water level elevation of the narrowest cross-section, in feet.
- (8) The correction factors for the transmissibility for the area from the top of ground to the water surface is computed by the formula $C = 24.45 d$, in cubic feet per second.

- (9) The effective transmissibility is computed by the formula
 $T_{We} = 7,334 - C$, in cubic feet per second.
- (10) Subsurface Flow is computed by multiplying the effective transmissibility by the average adjusted slope.
- (11) The computed Subsurface Flow, in cubic feet per second, is converted to acre-feet per year by multiplying it by 724.
- The selected wells within the vicinity of Whittier Narrows which have been used for drawing the ground water contours are as follows:

<u>Location No.</u>	<u>State No.</u>
2927B	2S 11W 06M01S
2927D	05K01S
2928	07B01S
2936	06A01S
2936A	1S 11W 31J03S
2938A	2S 11W 07H13S
2938D	05N05S
2939	05N01S
2939S	18B01S
2939G	07R01S
2947C	05L01S
2947F	05P01S
2948	05N04S
2948E	08B02S
2948F	08L03S
2957H	-

The Watermaster shall obtain measurements of ground water elevations in the spring and fall of each year when they are at their approximate high and low levels, respectively. Such measurements may be made at, but need not be limited to, all of the above listed wells.

C. Export to Lower Area

If present measuring devices on existing conduits are inadequate, the Watermaster shall install or cause to be installed adequate measuring devices to determine the amount of Export to Lower Area.

IV. ACCOUNTING

- Utilizing the appropriate measurements described in the previous portion of this Exhibit B, the Watermaster shall maintain accounts for the determination of Lower Area Annual Entitlement, the annual amount of Usable Water, Make-up Water to be delivered, Make-up Water received, the annual total amount of Usable Water and Make-up Water, the accumulated Lower Area Annual Entitlements, the accumulated amounts of Usable Water and Make-up Water received subsequent to September 30, 1963, Accrued Debit of Upper Area or Accrued Credit of Upper Area, and records necessary for accomplishing the Long-term Accounting.
- In maintaining the accounting records listed above, the Watermaster shall establish the necessary accounting procedures to accomplish the recordation of data and required calculations for accomplishment of the provisions set forth in Paragraph 5 of the Judgment.
- A. Components of Usable Water
1. Surface Flow. Surface Flow shall be measured as set forth in Part III.A. of this exhibit to include all water other than Export to Lower Area and Subsurface Flow which passes from Upper Area to Lower Area through Whittier Narrows. When the new station to be constructed on the San Gabriel River near Parkway Bridge is completed, it shall replace the gaging station on the San Gabriel River at Beverly Boulevard, Station F263B-R.
- Until such new station is in operation, Surface Flow as measured at Station F263B-R shall be increased by the amount of Surface Flow which has percolated or been diverted between Station F263B-R and the point of maximum rising water. The Watermaster shall determine the quantity so percolated or diverted based upon available measurements by the Los Angeles County Flood Control District.

1 2. Subsurface Flow. Subsurface Flow shall be
2 calculated in accordance with the procedures heretofore set
3 forth.
4 3. Export to Lower Area. The Watermaster shall
5 reduce to acre-feet the meter readings on each of the conduits
6 transporting through Whittier Narrows water diverted from surface
7 streams in Upper Area or pumped or developed from underground
8 sources in Upper Area. These quantities shall be used to
9 determine Export to Lower Area except that after September 30,
10 1966, Export to Lower Area used for determination of Usable
11 Water shall not exceed 23,395 acre-feet per year. (Paragraph
12 3(1) of this Judgment.)

13 B. Calculation of Usable Water
14 After determining the amounts of Surface Flow, Sub-
15 surface Flow and Export to Lower Area during a Water Year, as
16 provided above, the Watermaster, in order to determine the extent
17 to which such water constitutes the receipt of Usable Water by
18 Lower Area during such Water Year, shall deduct from the total
19 of such amounts, the following:

20 1. Lower Area Replenishment Water. An amount equal
21 to the total quantity of Lower Area Replenishment Water released
22 in Upper Area in each Water Year subsequent to September 30,
23 1963, less such amount, if any, as the Watermaster determines
24 to be lost due to evaporation or transpiration prior to the
25 receipt of such water in Lower Area;

26 2. Reclaimed Water. An amount equal to the total
27 quantity of Reclaimed Water which is reclaimed by or on behalf
28 of Lower Area Parties;

29 3. Make-up Water. An amount equal to the quantity of
30 Make-up Water delivered to Lower Area during such Water Year,
31 calculated as hereafter provided, to the extent included in

1 Surface Flow or Export to Lower Area;
2 4. Paragraph 3(1)(6) Water. An amount equal to the
3 quantity of any water which falls within the scope of paragraph
4 3(1)(6) of the Judgment; and
5 5. Unusable Surface Flow. An amount equal to the
6 quantity of Unusable Surface Flow, which is determined by
7 deducting from the total outflow as measured at Stations F45B-R
8 and F262-R: (1) Local Storm Outflow and (2) the portion of
9 Surface Flow which has been caused to pass said stations by
10 reason of any spreading of water in Montebello Forebay by or on
11 behalf of Lower Area Parties.
12 Local Storm Outflow is a portion of local storm inflow
13 originating in Montebello Forebay upstream from said measuring
14 stations, the amount of which outflow is to be determined as
15 hereinafter provided. When actual measurements of local storm
16 inflow are not available, the amount thereof discharging to the
17 channels of Rio Hondo or San Gabriel River within Montebello
18 Forebay upstream from stations F45B-R and F262-R shall be
19 estimated by correlation with the local storm inflow measured
20 at Montebello Storm Drain, Station F181-R. Such quantities shall
21 be estimated on the basis of the individual drainage areas of
22 storm drain projects and the runoff per unit area determined
23 from the Montebello Storm Drain, Station F181-R, during the
24 particular time interval under consideration. When water is
25 flowing out of Montebello Forebay on the surface in the Rio Hondo
26 or San Gabriel River channels, the Watermaster shall determine
27 Local Storm Outflow as follows:
28 a. Local Storm Outflow from Rio Hondo. When outflow
29 occurs at Station F45B-R, all local storm inflow, both measured
30 and estimated, which enters the Rio Hondo channel between that
31 station and Upper Area shall constitute Local Storm Outflow from
32 Rio Hondo, but the amount thereof shall not exceed the amount of

1 outflow at Station F45B-R for such periods.

2 b. Local Storm Outflow from San Gabriel River. At

3 such times as local storm inflow does not join Surface Flow in

4 San Gabriel River, the portion of such local storm inflow passing

5 Station F262-R shall constitute Local Storm Outflow. In addition,

6 at such times as Surface Flow in the San Gabriel River commingles

7 with the local storm inflow, then the Watermaster shall determine

8 Local Storm Outflow as follows:

9 (1) Calculate the total amount of local

10 storm inflow to the San Gabriel River during

11 such times, but such amount to be used in the

12 determination of Local Storm Outflow shall not

13 exceed the amount of San Gabriel River outflow

14 passing Station F262-R during such periods.

15 (2) Calculate the Local Storm Outflow

16 passing Station F262-R during such times, which

17 calculation shall be based on the Surface Flow

18 and local storm inflow to the San Gabriel River

19 channel, giving appropriate weight to the

20 quantities involved and the distance the

21 respective quantities of water traverse

22 Montebello Forebay in said channel.

23 (3) These two calculations shall then be

24 averaged arithmetically and the resulting amount

25 shall be Local Storm Outflow from San Gabriel

26 River.

27 C. Determination and Delivery of Make-up Water

28 1. By Additions to Surface Flow (paragraph 5(i)(1) of

29 Judgment). The determination of the amount of Make-up Water

30 which is delivered to Lower Area as an addition to Surface Flow

31 shall be based upon (a) measurements of Make-up Water at the

1 delivery outlet of such water upstream from Whittier Narrows,

2 (b) measurements of water consisting in whole or in part of

3 Make-up Water passing the applicable stations listed in Part

4 III.A.1. of this Exhibit B, and (c) such deductions from the

5 measurements of Make-up Water at said stations so listed as are

6 necessary to take into account (i) the amount of any water other

7 than Make-up Water included in the measurements at said stations

8 so listed, (ii) any losses due to evaporation or transpiration

9 of Make-up Water after such measurement and prior to its receipt

10 in Lower Area, and (iii) any percolation of Make-up Water after

11 such measurement and prior to the time it reaches the "narrowest

12 section" in Whittier Narrows.

13 As changing conditions may require, the Watermaster

14 shall change the points of measurement of Make-up Water in order

15 to obtain those measurements necessary to determine the amount

16 of Make-up Water delivered to Lower Area Parties by means of

17 increasing Surface Flow.

18 2. By Payment for Reclaimed Water (paragraph 5(i)(2)

19 of the Judgment). The Watermaster shall determine (a) the

20 quantity of Reclaimed Water reclaimed at the Whittier Narrows

21 Water Reclamation Plant as it existed October 1, 1963, and which

22 when so reclaimed shall have been passed through Whittier

23 Narrows, and (b) the quantity, if any, of Reclaimed Water

24 reclaimed at any future additions to said plant after September

25 30, 1963, and which when so reclaimed shall have been passed

26 through Whittier Narrows. Such quantities shall be ascertained

27 from the records of Los Angeles County Flood Control District.

28 Upon being advised that a payment has been made by

29 Upper District or Defendants to Central Municipal pursuant to

30 the provisions of paragraph 5(i)(2) of the Judgment, the

31 Watermaster shall credit Upper Area Parties with the delivery of

32 Make-up Water computed according to said paragraph of the

1 Judgment.

2 3. By Deliveries to a Lower Area Party (paragraph
3 5(i)(3) of the Judgment). Any Make-up Water delivered directly
4 to a Lower Area Party with the consent of Plaintiffs shall be
5 metered and the meter records reduced to acre-feet per year.
6 Upon being advised that a Lower Area Party has received a direct
7 delivery of Make-up Water pursuant to the provisions of paragraph
8 5(i)(3) of the Judgment, the Watermaster shall credit Upper Area
9 Parties with delivery of such Make-up Water in the Water Year in
10 which it was so delivered.

11 D. Long-term Accounting

12 The Watermaster shall maintain a record of the annual
13 rainfall in the San Gabriel Valley, including a running average
14 of such rainfall, so that the Watermaster will be informed when
15 a Long-term Accounting shall be carried out as specified in
16 paragraph 5(h) of the Judgment, and shall thereafter perform
17 the necessary calculations for accomplishment of the adjust-
18 ment, if any, between the aggregate amount of water received
19 compared to the aggregate entitlement for the period.

20 E. Water Usable for Ground Water Replenishment

21 With respect to any delivery of Make-up Water the
22 Watermaster shall determine the suitability of such water for
23 ground water replenishment. The Watermaster shall gather,
24 insofar as readily available from public and private agencies,
25 data relating to the quality of all categories of water,
26 Surface Flow, Subsurface Flow, Export to Lower Area, Reclaimed
27 Water, Lower Area Replenishment Water and Make-up Water.

REIMBURSEMENT CONTRACT

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THIS CONTRACT is made by and between UPPER SAN

GABRIEL VALLEY MUNICIPAL WATER DISTRICT, herein called
"Upper District", and the cities of ALHAMBRA, ARCADIA,
AZUSA, COVINA, EL MONTE, GLENDDORA, MONTEREY PARK, MONROVIA,
SOUTH PASADENA, and WHITTIER; BALDWIN PARK COUNTY WATER
DISTRICT, and SAN GABRIEL COUNTY WATER DISTRICT; AZUSA
AGRICULTURAL WATER COMPANY, AZUSA VALLEY WATER COMPANY,
CALIFORNIA DOMESTIC WATER COMPANY, CALIFORNIA WATER &
TELEPHONE COMPANY, COLUMBIA LAND AND WATER COMPANY, COVINA
IRRIGATING COMPANY, CROSS WATER COMPANY, DUARTE WATER COM-
PANY, EAST PASADENA WATER COMPANY, LTD., GLENNDORA IRRIGATING
COMPANY, SAN DIMAS WATER COMPANY, SAN GABRIEL VALLEY WATER
COMPANY, SOUTHERN CALIFORNIA WATER COMPANY, SUBURBAN WATER
SYSTEMS, SUNNYSLOPE WATER COMPANY, and VALLECITO WATER
COMPANY, corporations, herein collectively called "Pumpers."

ed.

RECITALS

1. The Action. In the matter of Board of Water Commissioners of the City of Long Beach, et al. v. San Gabriel Valley Water Company, et al., (L. A. Superior Court No. 722,647) the water rights of substantially all major water producers in the main San Gabriel Valley are sought to be restricted.
2. Judgment. The parties named above, except City

of Whittier, are concurrently executing a Stipulation that a Judgment substantially in the form annexed hereto shall be rendered and it is anticipated that such Judgment will be rendered in the action.

3. Public Interest in Settlement. It is in the best interests of the Pumpers and in the best interests of the water users and taxpayers within the corporate boundaries of those Pumpers which are public agencies, of the consumers of those Pumpers which are utilities or mutual water companies, and of all residents and taxpayers of Upper District, that said action be settled and disposed of in accordance with the terms of said Judgment in order to pre-serve the water supplies within Upper Area.

DEFINITIONS

1. "Contract Costs" -- All costs hereafter paid by Upper District:
 - (a) In providing Make-up Water under the terms of the judgment. In computing such cost of providing Make-up Water, any cost which Upper District shall pay which it would have paid even though it had not provided Make-up Water shall be excluded; and particularly but not exclusively, no amount which shall be paid to The Metropolitan Water District of Southern California as a condition to any past or future annexation shall be

deemed a cost of providing Make-up Water. Such costs may include interest paid by Upper District upon money borrowed for advancements made by it or interest which would have been received by the District, but which it lost by reason of making such advancements.

- (b) In complying with the terms of said Judgment.
 - (c) In keeping the records, making the determinations and collecting the moneys required by the later provisions of this contract.
2. "Assessable Pumpage" -- The amount of ground water produced in the applicable calendar year by or on behalf of any Pumper by pumping or extraction thereof from the Upper Area, including ground water produced under rights hereafter acquired from any source.
 3. Common Terms With Judgment -- All terms specially defined in said judgment are used herein in the sense in which they are therein defined, and said special definitions are incorporated herein by this reference.

OPERATIVE PROVISIONS

1. Consideration for Execution. The great majority of the defendants in the action are situated in whole or in part within Upper District and pump water therein. Certain defendants, including the Cities of Alhambra, Azusa and

Monterey Park, as well as the City of Whittier which is not a defendant, lie outside Upper District. Execution of this agreement by all parties to it is essential to induce each party hereto to execute this agreement, and likewise, execution of the Stipulation for Judgment by all defendants in the action is necessary to induce each party hereto to execute this contract. Each party executes this contract in consideration of its execution by the other parties, and in consideration of the execution of the Stipulation by the parties thereto. Moreover, by this contract each party other than City of Whittier waives its right to cross-complain in the action so as to bring City of Whittier into the action as a party.

2. Intervention by Upper District. In consideration of the execution of this contract by Pumpers and to contribute to the physical solution of providing adequate water for its inhabitants, Upper District has intervened as a defendant in the action and agrees to execute the stipulation for said judgment.

3. Administration. Upper District shall administer the provisions of Paragraphs 6 through 9, below, as to all Pumpers, including additional parties hereto mentioned in Paragraph 16.

4. Covenant to Reimburse. Each Pumper hereby agrees to pay to Upper District such Pumper's share of Contract

Costs allocated and determined as provided below.

5. Allocation of Costs Among Pumpers. Pumpers agree among themselves, each for the benefit of all other Pumpers, to share and participate in the payment of any sums due Upper District hereunder in such proportion as the Assessable Pumpage of each Pumper bears to the total Assessable Pumpage of all Pumpers for the applicable period covered by any assessment as hereinafter provided, subject to the provisions of Paragraph 9 below.

6. Reports by Pumpers. Pumpers shall file under penalty of perjury the reports hereinafter specified in the form provided by Upper District, as follows:

(a) Time and Procedure for Filing. Each year, on or before March 1, each Pumper shall file with Upper District a written report of its extractions of water from Upper Area for the preceding calendar year containing the information set forth in subparagraph (b) of this paragraph.

(b) Contents of the Report. Such annual reports to Upper District shall set forth:

- (1) The name and address of the Pumper; and
- (2) The number of acre feet of water

which was pumped or extracted from Upper Area by or on behalf of the Pumper during

the calendar year covered.

(c) Determination in Lieu of Report. In the event any Pumper fails to so file such report, Upper District may make a determination of the Assessable Pumpage of such Pumper, which determination shall be final and binding.

7. Notice of Assessment. On or before June 1 of each year, Upper District shall serve a Notice of Assessment on each Pumper covering the preceding calendar year which will contain a statement of:

(a) The amount of Assessable Pumpage by each Pumper;

(b) A detailed statement of Contract Costs during the preceding calendar year, if any; and

(c) A statement of the amount of such Contract Costs which are assessable to and payable by the Pumper to whom such notice is sent.

8. Payment--Delinquency and Default. All assessments herein provided for shall be due and payable on the following July 31. In the event of nonpayment of any assessment, Upper District may bring an action and shall have the right to recover such assessment, together with interest thereon at the rate of 7% per annum from the date of delinquency and costs of suit, including any reasonable attorneys' fees incurred.

If, after due diligence, Upper District is unable to collect a Pumper's allocated cost, such uncollectible amount (including interest, costs and attorneys' fees) shall be prorated among and paid by the other Pumpers in the same proportions as they paid assessments for the year or years in question. Said proration shall be billed and payable with the next succeeding assessment.

9. Redetermination of Assessable Pumpage. Any Pumper may at any time within 90 days after receipt of any Notice of Assessment request a redetermination of the Assessable Pumpage of such Pumper or of any other Pumper or Pumpers reflected in such notice. Such request shall be addressed in writing to Upper District and shall set forth the basis of the requesting Pumper's belief that such data are incorrect. Upon the receipt of any request, the following procedures shall be undertaken by Upper District:

(a) Notice of Request for Redetermination. Upper District shall forthwith notify in writing any Pumper whose Assessable Pumpage has been questioned, of the fact of such request and the name of the requesting Pumper. Notice shall further be sent to all Pumpers that procedures will be undertaken pursuant to this paragraph, and shall state briefly the issues to be determined.

- (b) Availability of Records. Subsequent to such notice, the records of the Pumper whose Assessable Pumpage is subject to a request for redetermination shall be made available at reasonable hours and upon reasonable demand to Upper District, insofar as such records are relevant to a determination of the Assessable Pumpage of the Pumper during the period involved.
- (c) Investigation and Notice of Hearing. Upper District shall conduct an investigation and shall by written decision served on all Pumpers redetermine or affirm such Assessable Pumpage. Upper District may at its option set a date for hearing. In such event, at least ten days' notice in writing of said hearing date shall be given to all Pumpers.
- (d) Conduct of Hearing and Decision. If hearing be held, Upper District shall not be bound therein by strict rules of evidence, but may rely on any evidence which it deems of probative value. Any Pumper may present evidence and arguments thereat. The written decision of Upper District, with or without such hearing, shall be served on all Pumpers and shall be conclusive for purposes of this contract, unless said issue is submitted

to a court of competent jurisdiction within 90 days from notice of such decision.

- (e) Reallocation of Contract Costs. If Assessable Pumpage is modified by any such decision, Contract Costs shall be reallocated in accordance therewith. Said reallocation shall be billed and payable with the next succeeding assessment.
10. Water Rights Unaffected. This contract relates solely to the equitable allocation of Contract Costs and does not involve or constitute an admission or agreement as to the water rights of any Pumper. Execution of this contract shall not prevent any party hereto from bringing or maintaining any action or proceeding to determine rights to pump, extract or store water, or to limit or curtail any pumping, extraction or storage of water in or from Upper Area or elsewhere, except as limited by Paragraphs 1 and 16 of the Operative Provisions hereof.

11. Changed Conditions. It is recognized that conditions in Upper Area may hereafter change to such an extent that it may become equitable to modify either the total obligation of Pumpers to Upper District hereunder or the allocation of Contract Costs. While this contract is entered into to assure Upper District of reimbursement of an amount up to its entire Contract Costs, it is not intended hereby, and this contract shall not be deemed, to prevent Upper District

from modifying and reducing such obligation or from applying other relief which may reduce the burden on Pumpers. without limitation upon the power of Upper District to otherwise reduce the aggregate amount payable under this contract, the following specific instances of changed conditions are contemplated.

(a) Allocation of Portion of Burden to Taxes.

It may at some future date appear equitable and fair to allocate all or a portion of Contract

Costs to ad valorem taxes or other revenues of Upper District. In such event, Upper District may, in the discretion of its Board of Directors, allocate all or a portion of Contract Costs to such revenue sources and the remainder, if any, thereof, shall be payable under the terms of this contract.

(b) Imposition of Pump Tax. If Upper District should acquire and exercise the right to levy a tax upon the pumping or extraction of ground water, then the aggregate of such tax shall be credited proportionally amongst Pumpers with respect to Assessable Pumpage within Upper District.

(c) Adjudication of Rights. If all or substantially all of the water rights within Upper Area shall be adjudicated (including the rights of all Pumpers), and its natural and safe yield

determined, then this contract shall be deemed modified to the extent that Assessable Pumpage shall include only that amount of water produced over and above the safe yield portion of adjudicated rights owned by any Pumper; provided that this subparagraph (c) shall not apply to any year in which the aggregate of all Assessable Pumpage as so modified is less than 25,000 acre feet.

12. Effective Date. This contract shall be effective ten (10) days after notice in writing of execution thereof by all parties, which notice shall be given to all Pumpers by Upper District, but shall cease and terminate on July 1, 1966, unless by said date (a) this contract shall have been validated as provided below, and (b) the Judgment shall have been rendered.

13. Validation. Within four months after this contract becomes effective, a proceeding or proceedings shall be instituted by Upper District in a court of competent jurisdiction by an appropriate action or actions for determination of the validity of this contract.

14. Term. The term of this contract shall commence upon its effective date and continue so long as the Judgment, as entered or as modified, shall remain in effect, subject, however, to the provisions of Paragraph 12 above.

15. Notices. Any notice to be served upon any party hereunder may be served either personally or by mail. If served by mail, such notice shall be mailed in the County of Los Angeles, State of California, by certified mail, postage prepaid, return receipt requested, or by registered mail, and shall be addressed to the party to be served at its address as set forth below, or (in the case of Upper District) at such other address as it may have last specified in writing to the Pumpers or Pumpers involved for the service of notices hereunder, or (in the case of a Pumper) at such other address as it may have last specified in writing to Upper District for the service of notices hereunder. Any notice so served by mail shall be deemed to have been served upon the first business day (excluding Saturdays, Sundays and holidays) after such mailing.
16. Additional Parties. In addition to Pumpers and their successors and assigns referred to in Paragraph 17 below, any other person or entity who or which shall pump or extract water in or from Upper Area (herein referred to as an "additional party"), may become a party to this contract, provided (a) Upper District shall give its written consent thereto, and (b) no Pumper or additional party shall serve upon Upper District its written objection thereto. If Upper District shall give its written consent to execution of this contract by an applying additional party, it shall

then give written notice of such application and consent by Upper District to each Pumper and each additional party, and if within thirty (30) days after such notice no Pumper or additional party shall have served upon Upper District its written objection to execution of this contract by the applying additional party, such additional party's application shall be deemed to have been accepted and it may become a party to this contract by delivery to Upper District of a duly executed instrument in writing stating that such person or entity joins in and becomes a party to this contract.

Any additional party so joining shall become bound by all obligations of this contract, becoming due or which should be performed within the terms of this contract on and after the ensuing January 1. Such obligations include the duty to make the report of extractions during the preceding calendar year (i.e., the year in which the contract is executed) required by Paragraph 6, and to make the payment based upon such extractions as required by Paragraph 5, provided, however, that such additional party shall have no liability under Paragraph 8 with respect to any nonpayments of an assessment based upon extractions by a Pumper or other additional party prior to the year in which such additional party joins in this contract.

As to each Pumper who executes this contract after it becomes effective, Upper District agrees that for a

period of 90 days after giving its said written consent, it will bring no action against such additional party to limit or define its rights to pump water in or from Upper Area. Further, if more than one such Pumper shall become a party to this agreement at the same time as any other pumper, each will execute and shall be deemed to have executed this contract and to have joined therein in consideration of the joinder in this contract by the other or others concurrently joining in this contract.

Any such additional party shall be deemed a Pumper for all purposes of this agreement.

17. Successors and Assigns. This contract shall inure to the benefit of and bind the successors in ownership of the water rights of the parties. If any Pumper shall sell or transfer or agree to sell or transfer its water rights in Upper Area or any part of such water rights, such Pumper shall require as a condition of any such sale, transfer or agreement that the purchaser or transferee, if not already a party to this contract, shall execute this contract and become a party thereto. Upon a full transfer of such rights by a Pumper and assumption by the assignee as above provided, the assigning Pumper shall be discharged of obligation hereunder. If such Pumper fails to obtain such assumption (except in cases of a transfer under order of court or by operation of law) the assigning Pumper shall

remain bound by the contract and production of water by said assignee by the exercise of the right assigned shall be treated as production by such Pumper.

18. Execution in Counterparts. This contract may be executed in counterparts (each counterpart being an exact copy or duplicate of the original) and all counterpart parties collectively shall be considered as constituting one complete contract.

IN WITNESS WHEREOF this contract is executed by the undersigned by its duly authorized officer.

Dated: _____.

(SEAL)

By _____

By _____

APPENDIX H
MAIN BASIN JUDGMENT

1 Ralph B. Helm
2 Suite 214
3 4605 Lankershim Boulevard
4 North Hollywood, CA 91602
5 Telephone (818) 769-2002
6 Attorney for Watermaster

SUPERIOR COURT OF THE STATE OF CALIFORNIA

FOR THE COUNTY OF LOS ANGELES

8 SUPERIOR COURT OF CALIFORNIA, COUNTY OF LOS ANGELES

9
10 UPPER SAN GABRIEL VALLEY
11 MUNICIPAL WATER DISTRICT,)
12 Plaintiff,)
13 vs.)
14 CITY OF ALHAMBRA, et al.,)
15 Defendants.)
16 AMENDED JUDGMENT
17 (And Exhibits Thereto),
18
19
20
21
22
23
24
25
26
27
28

UPPER SAN GABRIEL VALLEY
MUNICIPAL WATER DISTRICT
Plaintiff,
vs.
CITY OF ALHAMBRA, et al,
Defendants.

Honorable Florence T. Pickard
Assigned Judge Presiding
Original Judgment
Signed and Filed: December 28, 1972;
Entered: January 4, 1973
Book 6741, Page 197
HONORABLE FLORENCE T. PICKARD
Assigned Judge Presiding
DEPARTMENT 38
August 24, 1989

JUDGMENT AS AMENDED AUGUST 24, 1989

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15	(bb) Relevant Watershed (Prior (aa))	6
16	(cc) Replacement Water (Prior (bb))	6
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14 Calendar Year 1989 (New)
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8 SUPERIOR COURT OF CALIFORNIA, COUNTY OF LOS ANGELES
9
10 UPPER SAN GABRIEL VALLEY
11 MUNICIPAL WATER DISTRICT
12 Plaintiff,
13 vs.
14 CITY OF ALHAMBRA, et al.,
15 Defendants.
16 Hearing: August 24, 1989
17 Department 38, 9:00 A.M.
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28

1 defendants and the cross-defendant have appeared herein, certain
2 defaults have been entered, and other defendants dismissed.
3 By the pleadings herein and by Order of this Court, the issues
4 have been made those of a full inter se adjudication of water
5 rights as between each and all of the parties. This Court has
6 jurisdiction of the subject matter of this action and of the
7 parties herein.

8 2. Stipulation for Entry of Judgment. A substantial
9 majority of the parties, by number and by quantity of rights
10 herein Adjudicated, Stipulated for entry of a Judgment in
11 substantially the form of the original Judgment herein.

12 3. Lis Pendens. (New) A Lis Pendens was recorded August
13 20, 1979, as Document 2650, in Official Records of Los Angeles
14 County, California, in Book M 3554, Page 866.

15 4. Findings and Conclusions. (Prior Judgment Section 3)
16 Trial was had before the Court, sitting without a jury, John
17 Shea, Judge Presiding, commencing on October 30, 1972, and
18 Findings of Fact and Conclusions of Law have been entered
19 herein.

20 5. Judgment. (New) Judgment (and Exhibits Thereto),
21 Findings of Fact and Conclusions of Law (and Exhibits Thereto),
22 Order Appointing Watermaster, and Initial Watermaster Order were
23 signed and filed December 29, 1972, and Judgment was entered
24 January 4, 1973, in Book 6791, Page 197.

25 6. Intervention After Judgment. (New) Certain defendants
26 have, pursuant to the Judgment herein and the Court's continuing
27 jurisdiction, intervened and appeared herein after entry of
28 Judgment.

1 7. Amendments to Judgment. (New) The original Judgment
2 herein was previously amended on March 29, 1979, by: (1) adding
3 definition (r [1]) thereto, (2) amending definition (bb)
4 therein, (3) adding Exhibit "K" thereto, (4) adding Sections
5 14.5 and 16.5 thereto, and (5) amending Sections 37(b), 37(c),
6 37(d), and Section 47 therein; it was again amended on December
7 21, 1979, by amending Section 38(c) thereof; again amended on
8 February 21, 1980, by amending Section 24 thereof; again amended
9 on September 12, 1980, by amending Sections 35(a), 37(a), and
10 38(a); again amended on December 22, 1987, by adding Section
11 37(e) thereto; and last amended on July 22, 1988 by amending
12 Section 37(e) thereof and Ordering an Amended Judgment herein.
13 8. Transfers. (New) Since the entry of Judgment herein
14 there have been numerous transfers of Adjudicated water rights.
15 To the date hereof, said transfers are reflected in Exhibits
16 "C", "D", and "E".
17 9. Producers and Their Designees. (New) The current
18 status of Producers and their Designees is shown on Exhibit "L".
19 10. Definitions. (Prior Judgment Section 4) As used in
20 this Judgment, the following terms shall have the meanings
21 herein set forth:
22 (a) Base Annual Diversion Right -- The average annual
23 quantity of water which a Diverter is herein found to have the
24 right to Divert for Direct Use.
25 (b) Direct Use --Beneficial use of water other than
26 for spreading or Ground Water recharge.
27 (c) Divert or Diverting -- To take waters of any
28 surface stream within the Relevant Watershed.

- (d) Divertor -- Any party who Diverts.
- (e) Elevation -- Feet above mean sea level.
- (f) Fiscal Year -- A period July 1 through June 30, following.
- (g) Ground Water -- Water beneath the surface of the ground and within the zone of saturation.
- (h) Ground Water Basin -- An interconnected permeable geologic formation capable of storing a substantial Ground Water supply.
- (i) Integrated Producer -- Any party that is both a Pumping and a Divertor, and has elected to have its rights adjudicated under the optional formula provided in Section 18 of this Judgment.
- (j) In-Lieu Water Cost -- The differential between a Producer's non-capital cost of direct delivery of Supplemental Water and the cost of Production of Ground Water (including depreciation on Production facilities) to a particular Producer who has been required by Watermaster to take direct delivery of Supplemental Water in lieu of Ground Water.
- (k) Key Well -- Baldwin Park Key Well, being elsewhere designated as State Well No. 1S/10W-7R2, or Los Angeles County Flood Control District Well No. 3030-F. Said well has a ground surface Elevation of 386.7.
- (l) Long Beach Case -- Los Angeles Superior Court Civil Action No. 722647, entitled, "Long Beach, et al., v. San Gabriel Valley Water Company, et al."
- (m) Main San Gabriel Basin or Basin -- The Ground Water Basin underlying the area shown as such on Exhibit "A".

1 Section 4 (t) The highest continuous extractions of water by
2 a Pumper from the Basin for beneficial use in any five (5)
3 consecutive years after commencement of Overdraft and prior to
4 filing of this action, as to which there has been no cessation
5 of use by that Pumper during any subsequent period of five (5)
6 consecutive years, prior to the said filing of this action.
7 (v) Produce or Producing -- (Prior Judgment Section 4
8 (u)) To Pump or Divert water.
9 (w) Producer -- (Prior Judgment Section 4 (v)) A
10 party who Produces water.
11 (x) Production -- (Prior Judgment Section 4 (w)) The
12 annual quantity of water Produced, stated in acre feet.
13 (y) Pump or Pumping -- (Prior Judgment Section 4
14 (x)) To extract Ground Water from the Basin by Pumping or any
15 other method.
16 (z) Pumper -- (Prior Judgment Section 4 (y)) Any
17 party who Pumps water.
18 (aa) Pumper's Share -- (Prior Judgment Section 4 (z))
19 A Pumper's right to a percentage of the entire Natural Safe
20 Yield, Operating Safe Yield and appurtenant Ground Water
21 storage.
22 (bb) Relevant Watershed -- (Prior Judgment Section
23 4(aa)) That portion of the San Gabriel River watershed
24 tributary to Whittier Narrows which is shown as such on Exhibit
25 "A", and the exterior boundaries of which are described in
26 Exhibit "B".
27 (cc) Replacement Water -- (Prior Judgment Section 4
28 (bb)) Water purchased by Watermaster to replace:

1 (1) Production in excess of a Pumper's Share of Operating Safe
2 Yield; (2) The consumptive use portion resulting from the
3 exercise of an Overlying Right; and (3) Production in excess of
4 a Diverter's right to Divert for Direct Use.
5 (dd) Responsible Agency -- (Prior Judgment Section 4
6 (cc)) The municipal water district which is the normal and
7 appropriate source from whom Watermaster shall purchase
8 Supplemental Water for replacement purposes under the Physical
9 Solution, being one of the following:
10 (1) Upper District -- Upper San Gabriel
11 Valley Municipal Water District, a member public agency of
12 The Metropolitan Water District of Southern California
13 (MWD).
14 (2) San Gabriel District -- San Gabriel Valley
15 Municipal Water District, which has a direct contract with
16 the State of California for State Project Water.
17 (3) Three Valleys District -- Three Valleys
18 Municipal Water District, formerly, "Pomona Valley
19 Municipal Water District", a member public agency of MWD.
20 (ee) Stored Water -- (Prior Judgment Section 4 (dd))
21 Supplemental Water stored in the Basin pursuant to a contract
22 with Watermaster as authorized by Section 34(m).
23 (ff) Supplemental Water -- (Prior Judgment Section 4
24 (ee)) Nontributary water imported through a Responsible Agency.
25 (gg) Transporting Parties -- (Prior Judgment Section 4
26 (ff)) Any party presently transporting water (i.e., during the
27 12 months immediately preceding the making of the findings
28 herein) from the Relevant Watershed or Basin to an area outside

1 thereof, and any party presently or hereafter having an interest
2 in lands or having a service area outside the Basin or Relevant
3 Watershed contiguous to lands in which it has an interest or a
4 service area within the Basin or Relevant Watershed. Division
5 by a road, highway, or easement shall not interrupt contiguity.
6 Said term shall also include the City of Sierra Madre, or any
7 party supplying water thereto, so long as the corporate limits
8 of said City are included within one of the Responsible Agencies
9 and if said City, in order to supply water to its corporate area
10 from the Basin, becomes a party to this action bound by this
11 Judgment.
12 (hh) Water Level -- (Prior Judgment Section 4 (gg))
13 The measured Elevation of water in the Key Well, corrected for
14 any temporary effects of mounding caused by replenishment or
15 local depressions caused by Pumping.
16 (ii) Year -- (Prior Judgment Section 4 (hh)) A
17 calendar year, unless the context clearly indicates a contrary
18 meaning.
19 11. Exhibits. (Prior Judgment Section 5) The following
20 exhibits are attached to this Judgment and incorporated herein
by this reference:
22 Exhibit "A" -- Map entitled "San Gabriel River
23 Watershed Tributary to Whittier Narrows", showing the
24 boundaries and relevant geologic and hydrologic features in
25 the portion of the watershed of the San Gabriel River lying
26 upstream from Whittier Narrows.
27 Exhibit "B" -- Boundaries of Relevant Watershed.
28 Exhibit "C" -- Table Showing Base Annual Diversion

1 Rights of Certain Diverters.
2 Exhibit "D" -- Table Showing Prescriptive Pumping
3 Rights and Pumper's Share of Each Pumper.
4 Exhibit "E" -- Table Showing Production Rights of Each
5 Integrated Producer.
6 Exhibit "F" -- Table Showing Special Category Rights.
7 Exhibit "G" -- Table Showing Non-consumptive Users.
8 Exhibit "H" -- Watermaster Operating Criteria.
9 Exhibit "J" -- Puente Narrows Agreement.
10 Exhibit "K" -- Overlying Rights, Nature of Overlying
11 Right, Description of Overlying Lands to which Overlying
12 Rights are Appurtenant, Producers Entitled to Exercise
13 Overlying Rights and their Respective Consumptive Use
14 Portions, and Map of Overlying Lands.
15 Exhibit "L" -- (New) List of Producers And Their
16 Designees, as of June 1988.
17 Exhibit "M" -- (New) Watermaster Members, Officers
18 and Staff, Including Calendar Year 1989.
19 II. DECREE
20 NOW, THEREFORE, IT IS HEREBY DECLARED, ORDERED, ADJUDGED
21 AND DECREED:
22 A. DECLARATION OF HYDROLOGIC CONDITIONS
23 12. Basin as Common Source of Supply. (Prior Judgment
24 Section 6) The area shown on Exhibit "A" as Main San Gabriel
25 Basin overlies a Ground Water basin. The Relevant Watershed is
26 the watershed area within which rights are herein adjudicated.
27 The waters of the Basin and Relevant Watershed constitute a
28 common source of natural water supply to the parties herein.

1 13. Determination of Natural Safe Yield. (Prior Judgment
2 Section 7) The Natural Safe Yield of the Main San Gabriel Basin
3 is found and declared to be one hundred fifty-two thousand
4 seven-hundred (152,700) acre feet under Calendar Year 1967
5 cultural conditions.

6 14. Existence of Overdraft. (Prior Judgment Section 8)
7 In each and every Calendar Year commencing with 1953, the Basin
8 has been and is in Overdraft.

9 B. DECLARATION OF RIGHTS

10 15. Prescription. (Prior Judgment Section 9) The use of
11 water by each and all parties and their predecessors in interest
12 has been open, notorious, hostile, adverse, under claim of
13 right, and with notice of said overdraft continuously from
14 January 1, 1953 to January 4, 1973. The rights of each party
15 herein declared are prescriptive in nature. The following
16 aggregate consequences of said prescription within the Basin and
17 Relevant Watershed are hereby declared:
18 (a) Prior Prescription. Diversions within the
19 Relevant Watershed have created rights for direct
20 consumptive use within the Basin, as declared and
21 determined in Sections 16 and 18 hereof, which are of
22 equal priority inter se, but which are prior and paramount
23 to Pumping Rights in the Basin.
24 (b) Mutual Prescription. The aggregate Prescriptive
25 Pumping Rights of the parties who are Pumpers now exceed,
26 and for many years prior to filing of this action, have
27 exceeded, the Natural Safe Yield of the Basin. By reason
28 of said condition, all rights of said Pumpers are declared

1 to be mutually prescriptive and of equal priority, inter
2 se.

3 (c) Common Ownership of Safe Yield and Incidents
4 Thereunto. By reason of said Overdraft and mutual Pre-
5 scription, the entire Natural Safe Yield of the Basin, the
6 Operating Safe Yield thereof and the appurtenant rights to
7 Ground Water storage capacity of the Basin are owned by
8 Pumpers in undivided Pumpers' Shares as hereinafter
9 individually declared, subject to the control of
10 Watermaster, pursuant to the Physical Solution herein
11 decreed. Nothing herein shall be deemed in derogation of
12 the rights to spread water pursuant to rights set forth in
13 Exhibit "G".

14 16. Surface Rights. (Prior Judgment Section 10) Certain
15 of the aforesaid prior and paramount prescriptive water rights
16 of Diverters to Divert for Direct Use stream flow within the
17 Relevant Watershed are hereby declared and found in terms of
18 Base Annual Diversions Right as set forth in Exhibit "C". Each
19 Divertor shown on Exhibit "C" shall be entitled to Divert for
20 Direct Use up to two hundred percent (200%) of said Base Annual
21 Diversions Right in any one (1) Fiscal Year; provided that the
22 aggregate quantities of water Diverted in any consecutive ten
23 (10) Fiscal Year period shall not exceed ten (10) times such
24 Divertor's Base Annual Diversions Right.

25 17. Ground Water Rights. (Prior Judgment Section 11) The
26 Prescriptive Pumping Right of each Pumper, who is not an
27 Integrated Producer, and his Pumper's Share are declared as set
28 forth in Exhibit "D".

1 18. Optional Integrated Production Rights. (Prior
2 Judgment Section 12) Those parties listed on Exhibit "E" have
3 elected to be treated as Integrated Producers. Integrated
4 Production Rights have two (2) historical components:
5 (1) a fixed component based upon historic
6 Diversions for Direct Use; and
7 (2) a mutually prescriptive Pumpers Share
8 component based upon Pumping during the period 1953 through
9 1967.

10 Assessment and other Watermaster regulation of the rights of
11 such parties shall relate to and be based upon each such
12 component. So far as future exercise of such rights is
13 concerned, however, the gross quantity of the aggregate right in
14 any Fiscal Year may be exercised, in the sole discretion of such
15 party, by either Diversion or Pumping or any combination or
16 apportionment thereof; provided, that for Assessment purposes
17 the first water produced in any Fiscal Year (other than "carry-
18 over", under Section 49 hereof) shall be deemed an exercise of
19 the Diversion component, and any Production over said quantity
20 shall be deemed Pumped water, regardless of the actual method of
21 Production.

22 19. Special Category Rights. (Prior Judgment Section 13)
23 The parties listed on Exhibit "F" have water rights in the
24 Relevant Watershed which are not ordinary Production rights.
25 The nature of each such right is as described in Exhibit "F".

26 20. Non-consumptive Practices. (Prior Judgment Section
27 14) Certain Producers have engaged in Water Diversions and
28 spreading practices which have caused such Diversions to have a

1 non-consumptive or beneficial impact upon the aggregate water
2 supply available in the Basin. Said parties, and a statement of
3 the nature of their rights, uses and practices, are set forth in
4 Exhibit "G". The Physical Solution decreed herein, and
5 particularly its provisions for Assessments, shall not apply to
6 such non-consumptive uses. Watermaster may require reports on
7 the operations of said parties.

8 21. Overlying Rights. (Prior Judgment Section 14.5)
9 Producers listed in Exhibit "K" hereto were not parties herein
10 at the time of the original entry of Judgment herein. They have
11 exercised in good faith Overlying Rights to Produce water from
12 the Basin during the periods subsequent to the entry of Judgment
13 herein and have by self-help initiated or maintained appurtenant
14 Overlying Rights. Such rights are exercisable without
15 quantitative limit only on specifically described Overlying Land
16 and cannot be separately conveyed or transferred apart
17 therefrom. As to such rights and their exercise, the owners
18 thereof shall become parties to this action and be subject to
19 Watermaster Replacement Water Assessments under Section 45 (b)
20 hereof, sufficient to purchase Replenishment Water to offset the
21 net consumptive use of such Production and practices. In
22 addition, the gross amount of such Production for such overlying
23 use shall be subject to Watermaster Administrative Assessments
24 under Section 45 (a) hereof and the consumptive use portion of
25 such Production for overlying use shall be subject to
26 Watermaster's In-Lieu Water Cost Assessments under Section
27 45 (d) hereof. The Producers presently entitled to exercise
28 Overlying Rights, a description of the Overlying Land to which

Overlying Rights are appurtenant, the nature of use and the consumptive use portion thereof are set forth in Exhibit "K" hereto. Watermaster may require reports and make inspections of the operations of said parties for purposes of verifying the uses set forth in said Exhibit "K", and, in the event of a material change, to redetermine the net amount of consumptive use by such parties as changed in the exercise of such Overlying Rights. Annually, during the first two (2) weeks of June in each Calendar Year, such Overlying Rights Producers shall submit to Watermaster a verified statement as to the nature of the then current uses of said Overlying Rights on said Overlying Lands for the next ensuing Fiscal Year, whereupon Watermaster shall either affirm the prior determination or redetermine the net amount of the consumptive use portion of the exercise of such Overlying Right by said Overlying Rights Producer.

C. INJUNCTION

22. Injunction Against Unauthorized Production. (Prior Judgment Section 15) Effective July 1, 1973, each and every party, its officers, agents, employees, successors and assigns, to whom rights to waters of the Basin or Relevant Watershed have been declared and decreed herein is ENJOINED AND RESTRAINED from Producing water for Direct Use from the Basin or the Relevant Watershed except pursuant to rights and Pumpers' Shares herein decreed or which may hereafter be acquired by transfer pursuant to Section 55, or under the provisions of the Physical Solution in this Judgment and the Court's continuing jurisdiction, provided that no party is enjoined from Producing up to five (5) acre feet per Fiscal Year.

23. Injunction re Non-consumptive Uses. (Prior Judgment Section 16) Each party listed in Exhibit "G", its officers, agents, successors and assigns, is ENJOINED AND RESTRAINED from materially changing said non-consumptive method of use.

24. Injunction Re Change in Overlying Use Without Notice Thereof To Watermaster. (Prior Judgment Section 16.5) Each party listed in Exhibit "K", its officers, agents, employees, successors and assigns, is ENJOINED AND RESTRAINED from materially changing said overlying uses at any time without first notifying Watermaster of the intended change of use, in which event Watermaster shall promptly redetermine the consumptive use portion thereof to be effective after such change.

25. Injunction Against Unauthorized Recharge. (Prior Judgment Section 17) Each party, its officers, agents, employees, successors and assigns, is ENJOINED AND RESTRAINED from spreading, injecting or otherwise recharging water in the Basin except pursuant to: (a) an adjudicated non-consumptive use, or (b) consent and approval of or Cyclic Storage Agreement with Watermaster, or (c) subsequent order of this Court.

26. Injunction Against Transportation From Basin or Relevant Watershed. (Prior Judgment Section 18) Except upon further order of Court, all parties, other than Transporting Parties and MWD in its exercise of its Special Category Rights, to the extent authorized therein, are ENJOINED AND RESTRAINED from transporting water hereafter produced from the Relevant Watershed or Basin outside the areas thereof. For purposes of

1 this Section, water supplied through a city water system which
2 lies chiefly within the Basin shall be deemed entirely used
3 within the Basin. Transporting Parties are entitled to continue
4 to transport water to the extent that any production of water by
5 any such party does not violate the injunctive provisions
6 contained in Section 22 hereof; provided that said water shall
7 be used within the present service areas or corporate or other
8 boundaries and additions thereto so long as such additions are
9 contiguous to the then existing service area or corporate or
10 other boundaries; except that a maximum of ten percent (10%) of
11 use in any fiscal Year may be outside said then existing service
12 areas or corporate or other boundaries.

13 D. CONTINUING JURISDICTION

14 27. Jurisdiction Reserved. (Prior Judgment Section 19)
15 Full jurisdiction, power and authority are retained by and
16 reserved to the Court for purposes of enabling the Court upon
17 application of any party or of the Watermaster, by motion and
18 upon at least thirty (30) days notice thereof, and after hearing
19 thereon, to make such further or supplemental orders or
20 directions as may be necessary or appropriate for interim
21 operation before the Physical Solution is fully operative, or
22 for interpretation, enforcement or carrying out of this
23 Judgment, and to modify, amend or amplify any of the provisions
24 of this Judgment or to add to the provisions thereof consistent
25 with the rights herein decreed. Provided, that nothing in this
26 paragraph shall authorize:

27 (1) modification or amendment of the quantities
28 specified in the declared rights of any party;

1 (2) modification or amendment of the manner of
2 exercise of the Baseline Annual Diversion Right or Integrated
3 Production Right of any party; or
4 (3) the imposition of an injunction prohibiting
5 transportation outside the Relevant Watershed or Basin as
6 against any Transporting Party transporting in accordance
7 with the provisions of this Judgment or against MWD as to
8 its Special Category Rights.

9 E. WATERMASTER

10 28. Watermaster to Administer Judgment. (Prior Judgment
11 Section 20) A Watermaster comprised of nine (9) persons, to be
12 nominated as hereinafter provided and appointed by the Court,
13 shall administer and enforce the provisions of this Judgment and
14 any subsequent instructions or orders of the Court thereunder.
15 29. Qualification, Nomination and Appointment. (Prior
16 Judgment Section 21) The nine (9) member Watermaster shall be
17 composed of six (6) Producer representatives and three (3)
18 public representatives qualified, nominated and appointed as
19 follows:

20 (a) Qualification. Any adult citizen of the State of
21 California shall be eligible to serve on Watermaster;
22 provided, however, that no officer, director, employee or
23 agent of Upper District or San Gabriel District shall be
24 qualified as a Producer member of Watermaster.

25 (b) Nomination of Producer Representatives. A
26 meeting of all parties shall be held at the regular meeting
27 of Watermaster in November of each year, at the offices of
28 Watermaster. Nomination of the six (6) Producer

representatives shall be by cumulative voting, in person or by proxy, with each Producer entitled to one (1) vote for each one hundred (100) acre feet, or portion thereof, of Base Annual Diversion Right or Prescriptive Pumping Right or Integrated Production Right.

(c) Nomination of Public Representatives. On or before the regular meeting of Watermaster in November of each year, the three (3) public representatives shall be nominated by the boards of directors of Upper District (which shall select two [2]) and San Gabriel District (which shall select one [1]). Said nominees shall be members of the board of directors of said public districts.

(d) Appointment. All Watermaster nominations shall be promptly certified to the Court, which will in ordinary course confirm the same by an appropriate order appointing said Watermaster; provided, however, that the Court at all times reserves the right and power to refuse to appoint, or to remove, any member of Watermaster.

30. Term and Vacancies. (Prior Judgment Section 22) Each member of Watermaster shall serve for a one (1) year term commencing on January 1, following his appointment, or until his successor is appointed. In the event of a vacancy on Watermaster, a successor shall be nominated at a special meeting to be called by Watermaster within ninety (90) days (in the case of a Producer representative) or by action of the appropriate district board of directors (in the case of a public representative).

31. Quorum. (Prior Judgment Section 23) Five (5) members

of the Watermaster shall constitute a quorum for the transaction of affairs of the Watermaster. Action by the affirmative vote of five (5) members shall constitute action by Watermaster, except that the affirmative vote of six (6) members shall be required:

(a) to approve the purchase, spreading or injection of water for Ground Water recharge, or

(b) to enter in any Agreement pursuant to Section 34 (m) hereof.

32. Compensation. (Prior Judgment Section 24) Each Watermaster member shall receive compensation of One Hundred Dollars (\$100.00) per day for each day's attendance at meetings of Watermaster or for each day's service rendered as a Watermaster member at the request of Watermaster, together with any expenses incurred in the performance of his duties required or authorized by Watermaster. No member of the Watermaster shall be employed by or compensated for professional services rendered by him to Watermaster, other than the compensation herein provided, and any authorized travel or related expense.

33. Organization. (Prior Judgment Section 25) At its first meeting in each year, Watermaster shall elect a chairman and a vice chairman from its membership. It shall also select a secretary, a treasurer and such assistant secretaries and assistant treasurers as may be appropriate, any of whom may, but need not be, members of Watermaster.

(a) Minutes. Minutes of all Watermaster meetings shall be kept which shall reflect all actions taken by Watermaster. Draft copies thereof shall be furnished to

any party who files a request therefor in writing with Watermaster. Said draft copies of minutes shall constitute notice of any Watermaster action therein reported; failure to request copies thereof shall constitute waiver of notice.

(b) Regular Meetings. Watermaster shall hold regular meetings at places and times to be specified in Watermaster's rules and regulations to be adopted by Watermaster. Notice of the scheduled or regular meetings of Watermaster and of any changes in the time or place thereof shall be mailed to all parties who shall have filed a request therefor in writing with Watermaster.

(c) Special Meetings. Special meetings of Watermaster may be called at any time by the chairman or vice chairman or by any three (3) members of Watermaster by written notice delivered personally or mailed to each member of Watermaster and to each party requesting notice, at least twenty-four (24) hours before the time of each such meeting in the case of personal delivery, and forty-eight (48) hours prior to such meeting in the case of mail. The calling notice shall specify the time and place of the special meeting and the business to be transacted at such meeting. No other business shall be considered at such meeting.

(d) Adjournments. Any meeting of Watermaster may be adjourned to a time and place specified in the order of adjournment. Less than a quorum may so adjourn from time to time. A copy of the order or notice of adjournment

shall be conspicuously posted on or near the door of the place where the meeting was held within twenty-four (24) hours after adoption of the order of adjournment.

34. Powers and Duties. (Prior Judgment Section 26)

Subject to the continuing supervision and control of the Court, Watermaster shall have and may exercise the following express powers, and shall perform the following duties, together with any specific powers, authority and duties granted or imposed elsewhere in this Judgment or hereafter ordered or authorized by the Court in the exercise of its continuing jurisdiction.

(a) Rules and Regulations. To make and adopt any and all appropriate rules and regulations for conduct of Watermaster affairs. A copy of said rules and regulations and any amendments thereof shall be mailed to all parties.

(b) Acquisition of Facilities. To purchase, lease, acquire and hold all necessary property and equipment; provided, however, that Watermaster shall not acquire any interest in real property in excess of year-to-year tenancy for necessary quarters and facilities.

(c) Employment of Experts and Agents. To employ such administrative personnel, engineering, geologic, accounting, legal or other specialized services and consulting assistants as may be deemed appropriate in the carrying out of its powers and to require appropriate bonds from all officers and employees handling Watermaster funds.

(d) Measuring Devices, etc. To cause parties, pursuant to uniform rules, to install and maintain in good

1 operating condition, at the cost of each party, such
2 necessary measuring devices or meters as may be
3 appropriate; and to inspect and test any such measuring
4 device as may be necessary.

5 (e) Assessments. To levy and collect all Assessments
6 specified in the Physical Solution.

7 (f) Investment of Funds. To hold and invest any and
8 all funds which Watermaster may possess in investments
9 authorized from time to time for public agencies in the
10 State of California.

11 (g) Borrowing. To borrow in anticipation of receipt
12 of Assessment proceeds an amount not to exceed the annual
13 amount of Assessments levied but uncollected.

14 (h) Purchase of and Recharge with Supplemental Water.
15 To purchase Supplemental Water and to introduce the same
16 into the Basin for replacement or cyclic storage purposes,
17 subject to the affirmative vote of six (6) members of
18 Watermaster.

19 (i) Contracts. To enter into contracts for the
20 performance of any administrative powers herein granted,
21 subject to approval of the Court.

22 (j) Cooperation With Existing Agencies. To act
23 jointly or cooperate with agencies of the United States and
24 the State of California or any political subdivision,
25 municipality or district to the end that the purposes of
26 the Physical Solution may be fully and economically carried
27 out. Specifically, in the event Upper District has
28 facilities available and adequate to accomplish any of the

1 administrative functions of Watermaster, consideration
2 shall be given to performing said functions under contract
3 with Upper District in order to avoid duplication of
4 facilities.

5 (k) Assumption of Make-up Obligation. Watermaster
6 shall assume the Make-up Obligation for and on behalf of
7 the Basin.

8 (m) Water Quality. Water quality in the Basin shall
9 be a concern of Watermaster, and all reasonable steps shall
10 be taken to assist and encourage appropriate regulatory
11 agencies to enforce reasonable water quality regulations
12 affecting the Basin, including regulation of solid and
13 liquid waste disposal.

14 (n) Cyclic Storage Agreements. To enter into
15 appropriate contracts, to be approved by the Court, for
16 utilization of Ground Water storage capacity of the Basin
17 for cyclic or regulatory storage of Supplemental Water by
18 parties and non-parties, for subsequent recovery or
19 Watermaster credit by the storing entity, pursuant to
20 uniform rules and conditions, which shall include provision
21 for:

22 (1) Watermaster control of all spreading or
23 injection and extraction scheduling and procedures for
24 such stored water;
25 (2) calculation by Watermaster of any special
26 costs, damages or burdens resulting from such
27 operations;
28 (3) determination by Watermaster of, and

accounting for, all losses in stored water, assuming
that such stored water floats on top of the Ground
Water supplies, and accounting for all losses of water
which otherwise would have replenished the Basin, with
priorities being established as between two or more
such contractors giving preference to parties over
non-parties; and
(4) payment to Watermaster for the benefit of the
parties hereto of all special costs, damages or
burdens incurred (without any charge, rent, assessment
or expense as to parties hereto by reason of the
adjudicated proprietary character of said storage
rights, nor credit or offset for benefits resulting
from such storage); Provided, that no party shall have
any direct interest in or control over such contracts
or the operation thereof by reason of the adjudicated
right of such party, the Watermaster having sole
custody and control of all ground water storage rights
in the Basin pursuant to the Physical Solution herein,
and subject to review of the Court.
(o) Notice List. Maintain a current list of party
designees to receive notice hereunder, in accordance with
Section 54 hereof.

35. Policy Decisions - Procedure. (Prior Judgment
Section 27) It is contemplated that Watermaster will exercise
discretion in making policy decisions relating to Basin
management under the Physical Solution decreed herein. In order
to assure full participation and opportunity to be heard for

those affected, no policy decision shall be made by Watermaster
until thirty (30) days after the question involved has been
raised for discussion at a Watermaster meeting and noted in the
draft of minutes thereof.
36. Reports. (Prior Judgment Section 28) Watermaster
shall annually file with the Court and mail to the parties a
report of all Watermaster activities during the preceding year,
including an audited statement of all accounts and financial
activities of Watermaster, summary reports of Diversions and
Pumping, and all other pertinent information. To the extent
practical, said report shall be mailed to all parties on or
before November 1.
37. Review Procedures. (Prior Judgment Section 29)
Any action, decision, rule or procedure of Watermaster (other
than a decision establishing Operating Safe Yield, see Section
43(c)) shall be subject to review by the Court on its own motion
or on timely motion for an Order to Show Cause by any party, as
follows:
(a) Effective Date of Watermaster Action. Any order,
decision or action of Watermaster shall be deemed to have
occurred on the date that written notice thereof is mailed.
Mailing of draft copies of Watermaster minutes to the
parties requesting the same shall constitute notice to all
such parties.
(b) Notice of Motion. Any party may, by a regularly
noticed motion, petition the Court for review of said
Watermaster's action or decision. Notice of such motion
shall be mailed to Watermaster and all parties. Unless so

1 ordered by the Court, such petition shall not operate to
2 stay the effect of such Watermaster action.

3 (c) Time for Motion. Notice of motion to review any
4 Watermaster action or decision shall be served and filed
5 within ninety (90) days after such Watermaster action or
6 decision.

7 (d) De Novo Nature of Proceeding. Upon filing of such
8 motion for hearing, the Court shall notify the parties of a
9 date for taking evidence and argument, and shall review de
10 novo the question at issue on the date designated. The
11 Watermaster decision or action shall have no evidentiary
12 weight in such proceeding.

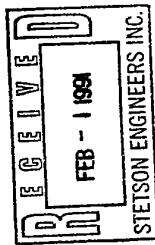
13 (e) Decision. The decision of the Court in such
14 proceeding shall be an appealable Supplemental Order in
15 this case. When the same is final, it shall be binding
16 upon the Watermaster and the parties.

17 F. PHYSICAL SOLUTION

18 38. Purpose and Objective. (Prior Judgment Section 30)
19 Consistent with the California Constitution and the decisions of
20 the Supreme Court, the Court hereby adopts and Orders the
21 parties to comply with this Physical Solution. The purpose and
22 objective of these provisions is to provide a legal and
23 practical means for accomplishing the most economic, long term,
24 conjunctive utilization of surface, Ground Water, Supplemental
25 Water and Ground Water storage capacity to meet the needs and
26 requirements of the water users dependent upon the Basin and
27 Relevant Watershed, while preserving existing equities.
28 39. Need for Flexibility. (Prior Judgment Section 31) In

1 Ralph B. Helm - Bar No. 022004
2 4665 Lankershim Boulevard, #214
3 North Hollywood, CA 91602

4 Telephone (818) 769-2002
5 Attorney for Watermaster - Petitioner



6
7 SUPERIOR COURT OF CALIFORNIA, COUNTY OF LOS ANGELES
8
9 10 UPPER SAN GABRIEL VALLEY)
11 MUNICIPAL WATER DISTRICT,) ORDER AMENDING JUDGMENT TO
12 Plaintiff,) EXPAND WATERMASTER'S POWERS
13 vs.) TO INCLUDE MAINTENANCE,
14 CITY OF ALHAMBRA, et al.,) IMPROVEMENT, AND CONTROL OF
15 Defendants.) BASIN WATER QUALITY WITH
16) ALLOWABLE FUNDING THROUGH
17 The Petition of the Main San Gabriel Basin Watermaster
18 (Watermaster) for Amendment to Judgment herein to expand its
19 powers to include maintenance, improvement, and control of Basin
20 water quality by controlling pumping in the Basin, with
21 allowable funding for associated costs to be paid through its
22 In-Lieu Assessments, was continued on July 31, 1990, to August
23 7, 1990, when it duly and regularly came on for hearing, at 9:15
24 o'clock A. M. in Department 38 of the above entitled Court, the
25 Honorable FLORENCE T. PICKARD, Assigned Judge Presiding. Ralph
26 B. Helm appeared as Attorney for Watermaster - Petitioner; Wayne
27 K. Lemieux appeared for Defendant, San Gabriel Valley Municipal
28 Water District, in support of the Petition; Fred Vendig, General

1 Counsel, Karen L. Tachiki, Assistant General Counsel, and
2 Victor E. Gleason, Senior Deputy General Counsel, by Victor E.
3 Gleason, appeared for Defendant, The Metropolitan Water District
4 of Southern California, in support of the Petition; Timothy J.
5 Ryan appeared for Defendant, San Gabriel Valley Water Company,
6 in opposition to the Petition; Lagerlof, Senecal, Drescher &
7 Swift, by H. Jess Senecal, appeared for Defendants, Calmat
8 Company, Livingston-Graham, Owl Rock Products, AZ-Two, Inc., and
9 Sully-Miller Contracting Company, in opposition to the Petition;
10 Ira Reiner, Los Angeles County District Attorney, by Jan
11 Chatten-Brown, Special Assistant to the District Attorney,
12 appeared in opposition to the Petition; and Sarah F. Bates and
13 Laurens H. Silver, by Sarah F. Bates, appeared on behalf of
14 Amicus Curiae Sierra Club, in opposition to the Petition.
15 The Court acknowledged receipt and consideration of:
16 letters in support of the Petition by the California Regional
17 Water Quality Control Board - Los Angeles Region and by the
18 State Water Resources Control Board; a copy of a letter
19 addressed to the Attorney for Petitioner, from the US
20 Environmental Protection Agency - Region IX, by Mark J.
21 Klaiman, Assistant Regional Counsel, regarding several matters
22 of federal law which EPA believed might ultimately affect the
23 subject Petition; a letter in opposition to the Petition by East
24 Valleys Organization; and a FAX communication to the Court, in
25 opposition to the Petition, from Congressman Esteban E. Torres,
26 which was not communicated to nor seen by the parties.
27 Members of the public, present in Court, were invited to,
28 and did, present oral testimony during the hearing.

1 Under date of December 10, 1990 the Court entered its
2 Intended Decision Re Amendment To Judgment and, by minute order
3 duly entered and mailed to Counsel for Petitioner, ordered
4 copies thereof mailed forthwith to all appearing parties,
5 including those appearing as friends of the court, and to all
6 other affected parties on the case's current mailing list.
7 A Proof Of Service by mail on December 13, 1990, of
8 Intended Decision Re Amendment To Judgment, as ordered, has been
9 filed with the Court.
10 Opposition to Petitioner's Proposed Order were filed by
11 Amicus Curiae Sierra Club, Amicus Curiae Los Angeles District
12 Attorney, and by Producer Parties Calmat Co., Livingston-Graham,
13 Owl Rock Products Company, AZ-Two, Inc., and Sully-Miller
14 Contracting Company.
15 Proof being made to the satisfaction of the Court and good
16 cause appearing:
17 IT IS, HEREBY, ORDERED:
18 1. That the Amended Judgment herein be further amended by
19 amending Subsection (j) of Section 10 thereof, Definitions, and
20 Section 40 thereof, Division F, Physical Solution, to read as
21 follows:
22 "10 (j) In-Lieu Water Cost - The differential between a
23 particular Producer's cost of Watermaster directed produced,
24 treated, blended, substituted, or Supplemental Water delivered
25 or substituted to, for, or taken by, such Producer in-lieu of
26 his cost of otherwise normally Producing a like amount of Ground
27 Water from the Basin.
28 "40. Watermaster Control. (Prior Judgment Section 32)

1 In order to develop an adequate and effective program of Basin
2 management, it is essential that Watermaster have broad
3 discretion in the making of Basin management decisions within
4 the ambit hereinafter set forth. The maintenance, improvement,
5 and control of the water quality and quantity of the Basin and
6 withdrawal and replenishment of supplies of the Basin and
7 Relevant Watershed, and the utilization of the water resources
8 thereof, must be subject to procedures established by
9 Watermaster in implementation of the Physical Solution
10 provisions of this Judgment. Both the quantity and quality of
11 said water resource are thereby preserved and its beneficial
12 utilization maximized.

13 "(a) Watermaster shall develop an adequate and effective
14 program of Basin management. The maintenance, improvement, and
15 control of the water quality and quantity of the Basin,
16 withdrawal and replenishment of supplies of the Basin and
17 Relevant Watershed, and the utilization of the water resources
18 thereof, must be subject to procedures established by
19 Watermaster in implementation of the Physical Solution
20 provisions of this Judgment. All Watermaster programs and
21 procedures shall be adopted only after a duly noticed public
22 hearing pursuant to Sections 37 and 40 of the Amended Judgment
23 herein.

24 "(b) Watermaster shall have the power to control pumping in
25 the Basin by water Producers therein for Basin cleanup and water
26 quality control so that specific well production can be directed
27 as to a lesser amount, to total cessation, as to an increased
28 amount, and even to require pumping in a new location in the

1 Basin. Watermaster's right to regulate pumping activities of
2 Producers shall be subordinate to any conflicting Basin cleanup
3 plan established by the EPA or other public governmental agency
4 with responsibility for ground water management or clean up.
5 "(c) Watermaster may act individually or participate with
6 others to carry on technical and other necessary investigations
7 of all kinds and collect data necessary to carry out the herein
8 stated purposes. It may engage in contractual relations with
9 the EPA or other agencies in furtherance of the clean up of the
10 Basin and enter into contracts with agencies of the United
11 States, the State of California, or any political subdivision,
12 municipality, or district thereof, to the extent allowed under
13 applicable federal or state statutes. Any cooperative agreement
14 between the Watermaster and EPA shall require the approval of
15 the appropriate Agency(s) of the State of California.
16 "(d) For regulation and control of pumping activity in the
17 Basin, Watermaster shall adopt Rules and Regulations and
18 programs to promote, manage and accomplish clean up of the Basin
19 and its waters, including, but not limited to, measures to
20 confine, move, and remove contaminants and Pollutants. Such
21 Rules and Regulations and programs shall be adopted only after a
22 duly Noticed Public Hearing by Watermaster and shall be subject
23 to Court review pursuant to Section 37 of the Amended Judgment
24 herein.
25 "(e) Watermaster shall determine whether funds from local,
26 regional, state or federal agencies are available for regulating
27 pumping and the various costs associated with, or arising from
28 such activities. If no public funds are available from local,

1 regional, state, or federal agencies, the costs shall be
2 obtained and paid by way of an In-Lieu Assessment by Watermaster
3 pursuant to Section 10 (j) of the Amended Judgment herein.
4 Provided such In-Lieu Assessments become necessary, the costs
5 shall be borne by all Basin Producers.
6 "(f) Watermaster is a Court empowered entity with limited
7 powers, created pursuant to the Court's Physical Solution
8 Jurisdiction under Article X, Section 2 of the California
9 Constitution. None of the Powers granted herein to Watermaster
10 shall be construed as designating Watermaster a political
11 subdivision of the State of California or authorizing
12 Watermaster to act as 'lead agency' to administer the federal
13 Superfund for clean up of the Basin."

14 2. This Amended Judgment shall continue in full force and
15 effect as hereby Ordered and Amended.

16 Dated: January 29, 1991.

17
18 /s/Florence T. Pickard
19 FLORENCE T. PICKARD
Judge of the Superior Court,
Specially Assigned

1 order that Watermaster may be free to utilize both existing and
2 new and developing technological, social and economic concepts
3 for the fullest benefit of all those dependent upon the Basin,
4 it is essential that the Physical Solution hereunder provide for
5 maximum flexibility and adaptability. To that end, the Court
6 has retained continuing jurisdiction to supplement the broad
discretion herein granted to the Watermaster.

7 40. Watermaster Control. (Prior Judgment Section 32) In
8 order to develop an adequate and effective program of Basin
9 management, it is essential that Watermaster have broad
10 discretion in the making of Basin management decisions within
11 the ambit hereinafter set forth. Withdrawal and replenishment
12 of supplies of the Basin and Relevant Watershed and the
13 utilization of the water resources thereof, and of available
14 Ground Water storage capacity, must be subject to procedures
15 established by Watermaster in implementation of the provisions
16 of this Judgment. Both the quantity and quality of said water
17 resource are thereby preserved and its beneficial utilization
18 maximized.

19 41. General Pattern of Contemplated Operation. (Prior
20 Judgment Section 33) In general outline (subject to the
21 specific provisions hereafter and to Watermaster Operating
22 Criteria set forth in Exhibit "H"), Watermaster will determine
23 annually the Operating Safe Yield of the Basin and will notify
24 each Pumper of his share thereof, stated in acre feet per Fiscal
25 Year. Thereafter, no party may produce in any Fiscal Year an
26 amount in excess of the sum of his Diversion Right, if any, plus
27 his Pumper's Share of such Operating Safe Yield, or his
28

1 Integrated Production Right, or the terms of any Cyclic Storage
2 Agreement, without being subject to Assessment for the purpose
3 of purchasing Replacement Water. In establishing the Operating
4 Safe Yield, Watermaster shall follow all physical, economic, and
5 other relevant parameters provided in the Watermaster Operating
6 Criteria. Watermaster shall have Assessment powers to raise
7 funds essential to implement the management plan in any of the
8 several special circumstances herein described in more detail.

9 42. Basin Operating Criteria. (Prior Judgment Section 34)
10 Until further order of the Court and in accordance with the
11 Watermaster Operating Criteria, Watermaster shall not spread
12 Replacement Water when the water level at the Key Well exceeds
13 Elevation two hundred fifty (250), and Watermaster shall spread
14 Replacement Water, insofar as practicable, to maintain the water
15 level at the Key Well above Elevation two hundred (200).
16 43. Determination of Operating Safe Yield. (Prior
17 Judgment Section 35) Watermaster shall annually determine the
18 Operating Safe Yield applicable to the succeeding Fiscal Year
19 and estimate the same for the next succeeding four (4) Fiscal
20 Years. In making such determination, Watermaster shall be
21 governed in the exercise of its discretion by the Watermaster
22 Operating Criteria. The procedures with reference to said
23 determination shall be as follows:
24 (a) Preliminary Determination. On or before
25 Watermaster's first meeting in April of each year,
26 Watermaster shall make a Preliminary Determination of the
27 Operating Safe Yield of the Basin for each of the
28 succeeding five Fiscal Years. Said determination shall be

1 made in the form of a report containing a summary statement
2 of the considerations, calculations and factors used by
3 Watermaster in arriving at said Operating Safe Yield.
4 (b) Notice and Hearing. A copy of said Preliminary
5 Determination and report shall be mailed to each Pumper and
6 Integrated Producer at least ten (10) days prior to a
7 hearing to be held at Watermaster's regular meeting in May,
8 of each year, at which time objections or suggested
9 corrections or modifications of said determinations shall
10 be considered. Said hearing shall be held pursuant to
11 procedures adopted by Watermaster.
12 (c) Watermaster Determination and Review Thereof.
13 Within thirty (30) days after completion of said hearing,
14 Watermaster shall mail to each Pumper and Integrated
15 Producer a final report and determination of said Operating
16 Safe Yield for each such Fiscal Year, together with a
17 statement of the Producer's entitlement in each such Fiscal
18 Year stated in acre feet. Any affected party, within
19 thirty (30) days of mailing of notice of said Watermaster
20 determination, may, by a regularly noticed motion, petition
21 the Court for an Order to Show Cause for review of said
22 Watermaster finding, and thereupon the Court shall hear
23 such objections and settle such dispute. Unless so ordered
24 by the Court, such petition shall not operate to stay the
25 effect of said report and determination. In the absence of
26 such review proceedings, the Watermaster determination
27 shall be final.
28 44. Reports of Pumping and Diversion. (Prior Judgment

1 Section 36) Each party (other than Minimal Producers) shall
2 file with the Watermaster quarterly, on or before the last day
3 of January, April, July and October, a report on a form to be
4 prescribed by Watermaster showing the total Pumping and
5 Diversion (separately for Direct Use and for non-consumptive
6 use, if any,) of such party during the preceding calendar
7 quarter.

8 45. Assessments -- Purpose. (Prior Judgment Section 37)
9 Watermaster shall have the power to levy and collect Assessments
10 from the Parties (other than Minimal Producers, non-consumptive
11 users, or Production under Special Category Rights or Cyclic
12 Storage Agreements) based upon Production during the preceding
13 Fiscal Year. Said Assessments may be for one or more of the
14 following purposes:
15 (a) Watermaster Administration Costs. Within thirty
16 (30) days after completion of the hearing on the
17 Preliminary Determination of the Operating Safe Yield of
18 the Basin and Watermaster's determination thereof, pursuant
19 to Section 43 hereof, Watermaster shall adopt a proposed
20 budget for the succeeding Fiscal Year and shall mail a copy
21 thereof to each party, together with a statement of the
22 level of Administration Assessment levied by Watermaster
23 which will be collected for purposes of raising funds for
24 said budget. Said Assessment shall be uniformly applicable
25 to each acre foot of Production.
26 (b) Replacement Water Costs. Replacement Water
27 Assessments shall be collected from each party on account
28 of such party's Production in excess of its Diversion

1 Rights, Pumper's Share or Integrated Production Right, and
2 on account of the consumptive use portion of Overlying
3 Rights, computed at the applicable rate established by
4 Watermaster consistent with the Watermaster Operating
5 Criteria.
6 (c) Make-Up Obligation. An Assessment shall be
7 collected equally on account of each acre foot of
8 Production, which does not bear a Replacement Assessment
9 hereunder, to pay all necessary costs of Administration and
10 satisfaction of the Make-Up Obligation. Such Assessment
11 shall not be applicable to water Production for an
12 Overlying Right.
13 (d) In-Lieu Water Cost. Watermaster may levy an
14 Assessment against all Pumping to pay reimbursement for In-
15 Lieu Water Costs except that such Assessment shall not be
16 applicable to the non-consumptive use portion of an
17 Overlying Right.
18 (e) Basin Water Quality Improvement. For purposes of
19 testing, protecting or improving the water quality in the
20 Basin, Watermaster may, after a noticed hearing thereon,
21 fix terms and conditions under which it may waive all or
22 any part of its Assessments on such ground water
23 Production and if such Production, in addition to his other
24 Production, does not exceed such Producer's Share or
25 entitlement for that Fiscal Year, such stated Production
26 shall be allowed to be carried over for a part of such
27 Producer's next Fiscal Year's Producer's Share or
28 entitlement. In connection therewith, Watermaster may also

1 waive the provisions of Sections 25, 26 and 57 hereof,
2 relating to Injunction Against Unauthorized Recharge,
3 Injunction Against Transportation From Basin or Relevant
4 Watershed, and Intervention After Judgment, respectively.
5 Nothing in this Judgment is intended to allow an increase
6 in any Producer's annual entitlement nor to prevent
7 Watermaster, after hearing thereon, from entering into
8 contracts to encourage, assist and accomplish the clean up
9 and improvement of degraded water quality in the Basin by
10 non-parties herein. Such contracts may include the
11 exemption of the Production of such Basin water therefor
12 from Watermaster Assessments and, in connection therewith,
13 the waiver of the provisions of Judgment Sections 25, 26,
14 and 57 hereof.

15 46. Assessments -- Procedure. (Prior Judgment Section 38)
16 Assessments herein provided for shall be levied and collected
17 as follows:

18 (a) Levy and Notice of Assessment. Within thirty
19 (30) days of Watermaster's annual determination of
20 Operating Safe Yield of the Basin for each Fiscal Year and
21 succeeding four (4) Fiscal Years, Watermaster shall levy
22 applicable Administration Assessments, Replacement Water
23 Assessments, Make-up Water Assessments and In-Lieu Water
24 Assessments, if any. Watermaster shall give written notice
25 of all applicable Assessments to each party on or before
26 August 15, of each year.

27 (b) Payment. Each Assessment shall be payable, and
28 each party is Ordered to pay the same, on or before

1 September 20, following such Assessment, subject to the
2 rights reserved in Section 37 hereof.
3 (c) Delinquency. Any Assessment which becomes
4 delinquent after January 1, 1980, shall bear interest at
5 the annual prime rate plus one percent (1%) in effect on
6 the first business day of August of each year. Said prime
7 interest rate shall be that fixed by the Bank of America
8 NT&SA for its preferred borrowing customers on said date.
9 Said prime interest rate plus one percent (1%) shall be
10 applicable to any said delinquent Assessment from the due
11 date thereof until paid. Provided, however, in no event
12 shall any said delinquent Assessment bear interest at a
13 rate of less than ten percent (10%) per annum. Such
14 delinquent Assessment and interest may be collected in a
15 Show Cause proceeding herein or any other legal proceeding
16 instituted by Watermaster, and in such proceeding the Court
17 may allow Watermaster its reasonable costs of collection,
18 including attorney's fees.
19 47. Availability of Supplemental Water From Responsible
Agencies. (Prior Judgment Section 39) If any Responsible
20 Agency shall, for any reason, be unable to deliver Supplemental
21 Water to Watermaster when needed, Watermaster shall collect
22 funds at an appropriate level and hold them in trust, together
23 with interest accrued thereon, for purchase of such water when
24 available.
25 48. Accumulation of Replacement Water Assessment Proceeds.
26 (Prior Judgment Section 40) In order to minimize fluctuation
27 in Assessments and to give Watermaster flexibility in Basin

management, Watermaster may make reasonable accumulations of Replacement Water Assessments. Such moneys and any interest accrued thereon shall only be used for the purchase of Replacement Water.

49. **CARRY-over of Unused Rights.** (Prior Judgment Section
41) Any Pumper's Share of Operating Safe Yield, and the
Production right of any Integrated Producer, which is not
Produced in a given Fiscal Year may be carried over and
accumulated for one Fiscal Year, pursuant to reasonable rules
and procedures for notice and accounting which shall be adopted
by Watermaster. The first water produced in the succeeding
Fiscal Year shall be deemed produced pursuant to such Carry-over
Rights.

50. Minimal Producers. (Prior Judgment Section 42) In the interest of Justice, Minimal Producers are exempted from the operation of this Physical Solution, so long as such party's annual Production does not exceed five (5) acre feet. Quarterly Production reports by such parties shall not be required, but Watermaster may require, and Minimal Producers shall furnish, specific periodic reports. In addition, Watermaster may conduct such investigation of future operations of any Minimal Producer

G. MISCELLANEOUS PROVISIONS

1 G. MISCELLANEOUS PROVISIONS

2 52. Puente Narrows Flow. (Prior Judgment Section 44)

3 The Puente Basin is tributary to the Main San Gabriel Basin.

4 All Producers within said Puente Basin have been dismissed.

5 herein, based upon the Puente Narrows Agreement (Exhibit "J")

6 whereby Puente Basin Water Agency agreed not to interfere with

7 surface inflow and to assure continuance of historic subsurface

8 contribution of water to Main San Gabriel Basin. The Court

9 declares said Agreement to be reasonable and fair and in full

10 satisfaction of claims by Main San Gabriel Basin for natural

11 water from Puente Basin.

53. San Gabriel District - Interim Order. (Prior Judgment
Section 45) San Gabriel District has a contract with the State
of California for State Project Water, delivered at Devil Canyon
in San Bernardino County. San Gabriel District is HEREBY
ORDERED to proceed with and complete necessary Pipeline
facilities as soon as practical.

Until said pipeline is built and capable of delivering a
minimum of twenty-eight thousand eight-hundred (28,800) acre
feet of State Project water per year, defendant cities of
Alhambra, Azusa, and Monterey Park shall pay to Watermaster each
Fiscal Year a Replacement Assessment at a uniform rate
sufficient to purchase Replenishment Water when available,
which rate shall be declared by San Gabriel District.

When water is available through said pipeline, San Gabriel
District shall make the same available to Watermaster, on his
reasonable demand, at said specified rate per acre foot.

Interest accrued on such funds shall be paid to San Gabriel

1 District.
2 54. Service Upon and Delivery to Parties of Various
3 Papers. (Prior Judgment Section 46) Service of the Judgment
4 on those parties who have executed the Stipulation for Judgment
5 shall be made by first class mail, postage prepaid, addressed to
6 the Designee and at the address designated for that purpose in
7 the executed and filed counterpart of the Stipulation for
8 Judgment, or in any substitute designation filed with the Court.
9 Each party who has not heretofore made such a designation
10 shall, within thirty (30) days after the Judgment shall have
11 been served upon that party, file with the Court, with proof of
12 service of a copy thereof upon Watermaster, a written
13 designation of the person to whom and the address at which all
14 future notices, determinations, requests, demands, objections,
15 reports and other papers and processes to be served upon that
16 party or delivered to that party are to be so served or
17 delivered.
18 A later substitute designation filed and served in the same
19 manner by any party shall be effective from the date of filing
20 as to the then future notices, determinations, requests,
21 demands, objections, reports and other papers and processes to
22 be served upon or delivered to that party.
23 Delivery to or service upon any party by Watermaster, by
24 any other party, or by the Court, of any item required to be
25 served upon or delivered to a party under or pursuant to the
26 Judgment may be made by deposit thereof (or by copy thereof) in
27 the mail, first class, postage prepaid, addressed to the
28 Designee of the party and at the address shown in the latest

1 designation filed by that party.

2 55. Assignment, Transfer, etc., of Rights. (Prior
3 Judgment Section 47) Any rights Adjudicated herein except
4 Overlying Rights, may be assigned, transferred, licensed or
5 leased by the owners thereof; provided however, that no such
6 assignment shall be complete until the appropriate notice
7 procedures established by Watermaster have been complied with.
8 No water produced pursuant to rights assigned, transferred,
9 licensed, or leased may be transported outside the Relevant
10 Watershed except by:
11 (1) a Transporting Party, or
12 (2) a successor in interest immediate or mediate to a
13 water system on lands or portion thereof, theretofore
14 served by such a Transporting Party, for use by such
15 successor in accordance with limitations applicable to
16 Transporting Parties, or
17 (3) a successor in interest to the Special Category
18 rights of MWD.
19 The transfer and use of Overlying Rights shall be
20 limited, as provided in Section 21 hereof, as exercisable
21 only on the specifically defined Overlying lands and they
22 cannot be separately conveyed or transferred apart therefrom.
23 56. Abandonment of Rights. (Prior Judgment Section 48)
24 It is in the interest of reasonable beneficial use of the Basin
25 and its water supply that no party be encouraged to take and use
26 more water in any Fiscal Year than is actually required.
27 Failure to produce all of the water to which a party is entitled
28 hereunder shall not, in and of itself, be deemed or constitute

1 an abandonment of such party's right, in whole or in part.
2 Abandonment and extinction of any right herein Adjudicated shall
3 be accomplished only by:
4 (1) a written election by the party, filed in this
5 case, or
6 (2) upon noticed motion of Watermaster, and after
7 hearing.

8 In either case, such abandonment shall be confirmed by
9 express subsequent order of this Court.

10 57. Intervention After Judgment. (Prior Judgment Section
11 49) Any person who is not a party or successor to a party and
12 who proposes to produce water from the Basin or Relevant
13 Watershed, may seek to become a party to this Judgment through a
14 Stipulation For Intervention entered into with Watermaster.

15 Watermaster may execute said Stipulation on behalf of the other
16 parties herein but such Stipulation shall not preclude a party
17 from opposing such Intervention at the time of the Court hearing
18 thereon. Said Stipulation For Intervention must thereupon be
19 filed with the Court, which will consider an order confirming
20 said Intervention following thirty (30) days' notice to the
21 parties. Thereafter, if approved by the Court, such Intervenor
22 shall be a party bound by this Judgment and entitled to the
23 rights and privileges accorded under the Physical Solution
24 herein.

25 58. Judgment Binding on Successors, etc. (Prior Judgment
26 Section 50) Subject to specific provisions hereinbefore
27 contained, this Judgment and all provisions thereof are
28 applicable to and binding upon and inure to the benefit of not

1 only the parties to this action, but as well to their respective
2 heirs, executors, administrators, successors, assigns, lessees,
3 licensees and to the agents, employees and attorneys in fact of
4 any such persons.
5 59. Water Rights Permits. (Prior Judgment Section 51)
6 Nothing herein shall be construed as affecting the relative
7 rights and priorities between MWD and San Gabriel Valley
8 Protective Association under State Water Rights Permits Nos.
9 7174 and 7175, respectively.
10 60. Costs. (Prior Judgment Section 52) No party shall
11 recover any costs in this proceeding from any other party.
12 61. Entry of Judgment. (New) The Clerk shall enter this
13 Judgment.
14 DATED: August 24, 1989.
15 _____
16 s/Florence T. Pickard
17 Florence T. Pickard, Judge
18 Specially Assigned

Exhibit "B"

BOUNDARIES OF RELEVANT WATERSHED

The following described property is located in Los Angeles County, State of California:

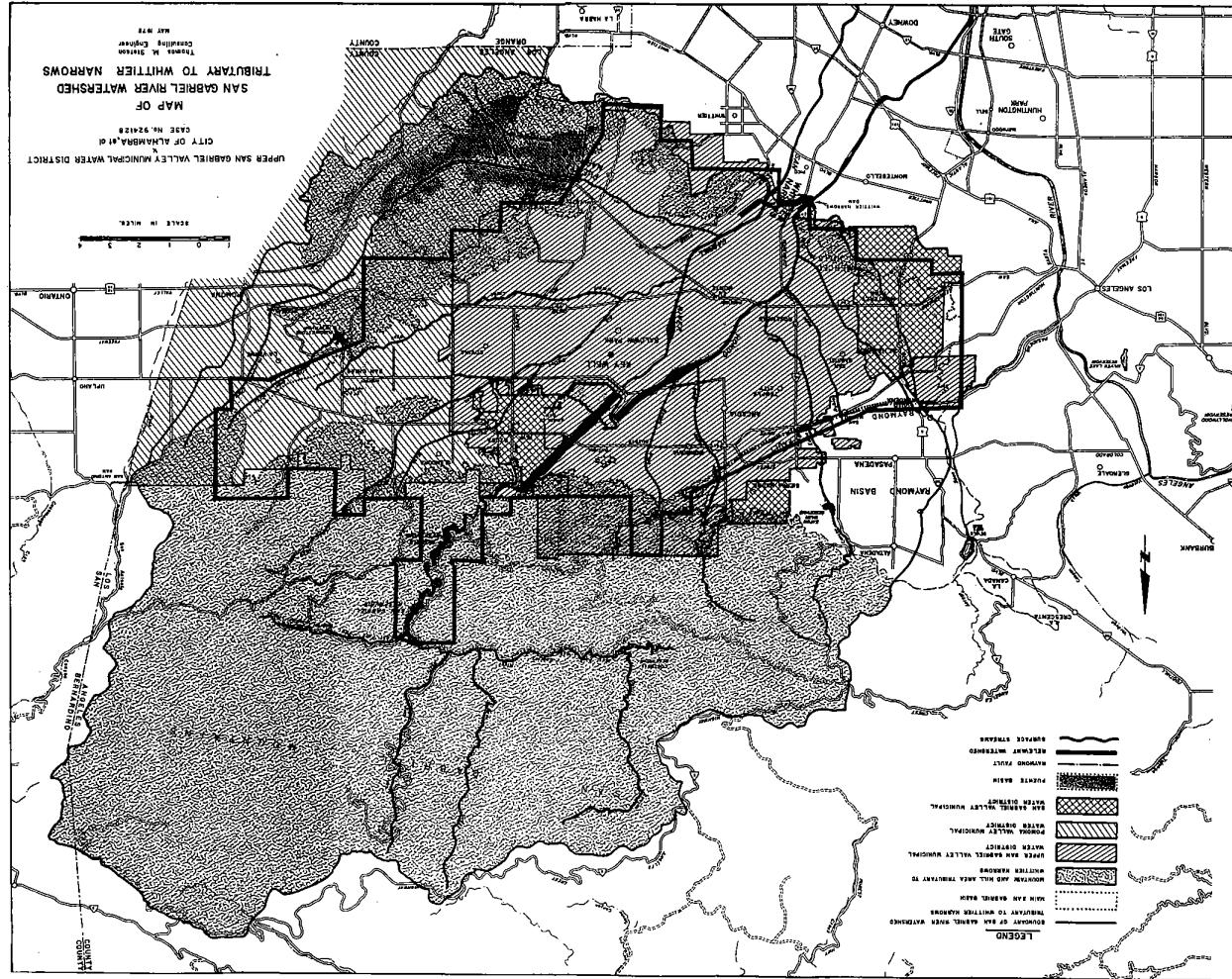
Beginning at the Southwest corner of Section 14, Township 1 North, Range 11 West, San Bernardino Base and Meridian;

Thence Northerly along the West line of said Section 14 to the Northwest corner of the South half of said Section 14; Thence Easterly along the North line of the South half of Section 14 to the East line of said Section 14; Thence Northerly along the East line of said Section 14, Township 1 North, Range 11 West and continuing Northerly along the East line of Section 11 to the Northeast corner of said Section 11;

Thence Easterly along the North line of Section 12 to the Northeast corner of said Section 12; Thence Southerly along the East line of said Section 12 and continuing Southerly along the East line of Section 13 to the Southeast corner of said Section 13, said corner being also the Southwest corner of Section 18, Township 1 North, Range 10 West;

Thence Easterly along the South line of Sections 18, 17, 16 and 15 of said Township 1 North, Range 10 West to the Southwest corner of Section 14; Thence Northerly along the West line of Section 14 to the Northwest corner of the South half of Section 14;

Exhibit "B"
B - 1



Thence Easterly along the North line of the South half of Section 14 to the East line of said section; Thence Northerly along the East line of said Section 14, and continuing Northerly along the West line of Section 12 of said Township 1 North, Range 10 West to the North line of said Section 12;

) Thence Easterly along the North line of said Section 12, to the Northeast corner of said Section 12, said corner being also the Southwest corner of Section 6, Township 1 North, Range 9 West;

) Thence Northerly along the West line of said Section 12, to the Northwest corner of Section 6, Township 1 North, Range 9 West;

) Thence Northerly along the West line of said Section 6 and continuing Northerly along West line of Sections 31 and 30, Township 2 North, Range 9 West to the Westerly prolongation of the North line of said Section 30;

) Thence Easterly along said Westerly prolongation of the North line of said Section 30 and continuing Easterly along the North line of Section 29 to the Northeast corner of said Section 29;

) Thence Southerly along the East line of said Section 29 and continuing Southerly along the East line of Section 32, Township 2 North, Range 9 West, and thence continuing Southerly along the East line of Section 5, Township 1 North, Range 9 West to the Southeast corner of said Section 5;

) Thence Westerly along the South line of said Section 5 to the Southwest corner of said Section 5, said point being also the Northwest corner of Section 8;

) Thence Southerly along the West line of said Section 8 and continuing Southerly along the West line of Section 17, to the Southwest corner of said Section 17, said corner being also the Northwest corner of Section 20;

) Thence Easterly along the North line of Sections 20 and 21 to the Northwest corner of Section 22, said corner being also the Southwest corner of Section 15;

) Thence Northerly along the West line of said Section 15, to the Northwest corner of the South half of said Section 15;

) Thence Easterly along the North line of said South half of Section 15 to the Northeast corner of said South half of Section 15;

) Thence Southerly along the East line of Section 15 and continuing Southerly along the East line of Section 22 to the Southeast corner of said Section 22, said point being also the Southwest corner of Section 23;

) Thence Easterly along the South line of Sections 23 and 24 to the East line of the West half of said Section 24;

) Thence Northerly along said East line of the West half of Section 24 to the North line thereof;

) Thence Easterly along said North line of Section 24 to the Northeast corner thereof, said point also being the Northwest corner of Section 19, Township 1 North, Range 8 West;

) Thence continuing Easterly along the North line of Section 19 and Section 20 of said Township 1 North, Range 8 West to the Northeast corner of said Section 20;

Thence Southerly along the East line of Sections 20, 29
and 32 of said Township 1 North, Range 8 West to the
Southeast corner of said Section 32;

Thence Westerly along the South line of Section 32 to
the Northwest corner of the East half of Section 5, Township
1 South, Range 8 West;

Thence Southerly along the West line of the East half of
said Section 5 to the South line of said Section 5;
Thence West to the East line of the Northerly
prolongation of Range 9 West;

Thence South 67° 30' West to an intersection with the
Northerly prolongation of the West line of Section 27,
Township 1 South, Range 9 West;

Thence Southerly along the Northerly prolongation of
said West line of Section 27 and continuing Southerly along
the West line of Section 27 to the Southwest corner of said
Section 27, said point being also the Southeast corner of
Section 28;

Thence Westerly along the South line and Westerly
projection of the South line of said Section 28 to the
Northerly prolongation of the West line of Range 9 West;

Thence Southerly along said prolongation of the West
line of Range 9 West to the Westerly prolongation of the
North line of Township 2 South;

Thence Westerly along said Westerly prolongation of the
North line of Township 2 South, a distance of 8,500 feet; ✓
Thence South a distance of 4,500 feet; ✓

Thence West a distance of 10,700 feet;

Thence South 29° West to an intersection with the
Northerly prolongation of the West line of Section 20,

Township 2 South, Range 10 West;

Thence Southerly along said Northerly prolongation of
the West line of said Section 20 and continuing Southerly
along the West line of Section 20 to the Southwest corner of
said Section 20;

Thence South a distance of 2,000 feet;
Thence West a distance of two miles, more or less, to an
intersection with the East line of Section 26, Township
2 South, Range 11 West;

Thence Northerly along said East line of Section 26 and
continuing Northerly along the East line of Section 23,
Township 2 South, Range 11 West to the Northeast corner of
said Section 23;

Thence Westerly along the North line of said Section 23
to the Northwest corner thereof, said point being also the
Southeast corner of Section 15, Township 2 South, Range 11
West;

Thence Northerly and Westerly along the East and North
lines, respectively, of said Section 15, Township 2 South,
Range 11 West, to the Northwest corner thereof;

Thence continuing Westerly along the Westerly
prolongation of said North line of Section 15, Township 2
South, Range 11 West to an intersection with a line parallel
to and one mile East of the West line of Range 11 West;

Thence Northerly along said parallel line to an intersection with the Northerly boundary of the City of Pico Rivera as said City of Pico Rivera existed on July 17, 1970;

Thence Westerly along said City boundary to an intersection with the East line of Range 12 West;

Thence Northerly along said East line of Range 12 West to the North line of Township 2 South;

Thence Westerly along the North line of Township 2 South to an intersection with the Southerly prolongation of the East line of the West half of Section 26, Township 1 South, Range 12 West;

Thence Northerly along said Southerly prolongation of said East line of the West half of said Section 26 to the Southeast corner of said West half;

) Thence Westerly along the South line of Sections 26, 27 and 28, Township 1 South, Range 12 West, to the Southeast corner of Section 29, Township 1 South, Range 12 West;

Thence Northerly along the East line of said Section 29 to the Northeast corner of the South half of said Section 29; Thence Westerly along the North line of the South half of said Section 29 to the Northwest corner thereof;

Thence Northerly along the West line of Sections 29, 20, 17 and 8, Township 1 South, Range 12 West;

Thence continuing Northerly along the Northerly prolongation of the West line of Section 8, Township 1 South, Range 12 West to an intersection with the North line of Township 1 South;

Exhibit "C"
 TABLE
 SHOWING BASE
 ANNUAL DIVERSION
 RIGHTS OF CERTAIN
 DIVERTERS

	Base Annual Diversions Right Acre-Foot	
Covell, Ralph (Successor to Rittenhouse, Catherine and Rittenhouse, James)	2.12	
Maddock, A. G.	3.40	
Rittenhouse, Catherine (Transferred to Covell, Ralph)	0	
Rittenhouse, James (Transferred to Covell, Ralph)	0	
Ruebhausen, Arline (Held in common with Ruebhausen, Victor) (Transferred to City of Glendale)	0	
Ruebhausen, Victor (See Ruebhausen, Arline, above)		
TOTAL	<u>5.52</u>	

Pumper	Base Annual Diversions Right Acre-Foot	Prescriptive Pumping Right Acre-feet	Pumper's Share Percent (%)
Adams Ranch Mutual Water Company	100.00	0.05060	
A & E Plastik Pak Co., Inc. (Transferred to Industry Properties, Ltd.)	0	0	
Alhambra, City of	8,812.05	4.45876	
Amarillo Mutual Water Company	709.00	0.35874	
Anchor Plating Co., Inc. (Successor to Bodger & Sons) (Transferred to Crown City Plating Co.)	0	0	
Anderson, Ray L. and Helen T., Trustees (Successor to Covina-Valley Unified School District)	50.16	0.02538	
Andrade, Marcario and Consuelo; and Andrade, Robert and Jayne (Successor to J. F. Isbell Estate, Inc.)	8.36	0.00423	
Arcadia, City of (Successor to First National Finance Corporation) (Transferred to City of Monrovia)	9,252.00	4.68137	
Associated Southern Investment Company (Transferred to Southern California Edison Company)	60.90 <u>.951.00</u>	0.03081 0.48119	
AZ-Two, Inc. (Lessee of Southwestern Portland Cement Co.)	8,361.90	4.23099	
Azusa, City	3,655.99	1.84988	
Azusa-Western Inc. (Transferred to Southwestern Portland Cement Co.)	0	0	
Bahnson & Beckman Ind., Inc. (Transferred to Woodland, Richard)	0	0	

Exhibit "D"

TABLE
 SHOWING PRESCRIPTIVE PUMPING RIGHTS
 AND PUMPER'S SHARE OF EACH PUMPER
 AS OF JUNE, 1988

Exhibit "D"
 D - 1

Exhibit "C"
 C - 1

Pumper	Prescriptive Pumping Right Acre-feet	Pumper's Share %	Pumper	Prescriptive Pumping Right Acre-feet	Pumper's Share %
Bahnsen, Betty M. (Transferred to Dawes, Mary Kay)	0	0	California Domestic Water Company (Successor to: Cantrill Mutual Water Company Industry Properties, Ltd. Modern Accent Corporation Fisher, Russell)	11,024.82	5.57839
Baldwin Park County Water District (See Valley County Water District)	-	-	42.50 73.50 <u>256.86</u> <u>19.00</u>	0.02150 0.03719 <u>0.12997</u> <u>0.00961</u>	
Banks, Gale C. (Successor to Doyle, Mr. and Mrs.; and Madruza, Mr. and Mrs.)	50.00	0.02530	11,416.68	<u>5.77666</u>	
Base Line Water Company	430.20	0.21767	California Materials Company	0	0
Beverly Acres Mutual Water Company	93.00	0.04706	Cantrell Mutual Water Company (Transferred to California Domestic Water Co.)	0	0
Birenbaum, Max (Held in common with Birenbaum, Sylvia; Schneiderman, Alan; Schneiderman, Lydia; Wisotsky, Bernard; Wisotsky, Estera) (Transferred to City of Whittier)	0	0	Cedar Avenue Mutual Water Company	121.10	0.06127
Birenbaum, Sylvia (See Birenbaum, Max)	-	-	Champion Mutual Water Company	147.68	0.07472
) Blue Diamond Concrete Materials Div., The Flintkote Company (Transferred to Sully-Miller Contracting Co.)	0	0	Chronis, Christine (See Polopulos, et al)	-	-
Bodger & Sons DBA Bodger Seeds Ltd. (Transferred to Anchor Plating Co., Inc.)	0	0	Clayton Manufacturing Company	511.80	0.25896
Botello Water Company	0	0) Collision, E. O.	0	0
Burbank Development Company	50.65	0.02563	Comby, Erma M. (See Wilmott, Erma M.)	-	-
Cadway, Inc. (Successor to: Corcoran, Jack S. and R. L.) Corcoran, Jack S. and R. L.)	100.00 100.00 200.00	0.05060 0.05660 0.10120	Conrock Company (Formerly Consolidated Rock Products Co.) (Successor to Manning Bros. Rock & Sand Co.)	<u>1,465.35</u> <u>328.00</u> <u>1,793.35</u>	0.74144 0.16596 0.90740
Cal Fin (Transferred to Suburban Water Systems)	0	0	Consolidated Rock Products Co. (See Conrock Company)	-	-
California-American Water Company (San Marino System)	7,868.70	3.98144	Corcoran, Jack S. (Held in common with Corcoran, R. L.) (Transferred to: Cadway, Inc. Cadway, Inc.)	747.00 100.00 100.00 <u>547.00</u>	0.37797 0.05060 0.05060 0.27677
California Country Club	0	0	Corcoran, R. L. (See Corcoran, Jack S.) County Sanitation District No. 18 of Los Angeles County	-	-
				4.50	0.00228

Pumper	Prescriptive Pumping Right Acre-feet	Pumper's Share %	Pumper	Prescriptive Pumping Right Acre-feet	Pumper's Share %
Covell, et al. (Successor to Rittenhouse, Catherine and Rittenhouse, James) (Held in common with Jobe, Darr; Goedert, Lillian E.; Goedert, Marion W.; Lakin, Kendall R.; Lakin, Kelly R.; Snyder, Harry)	111.05 0.05619	0.26895 1.26895	Dunning, George (Held in common with Dunning, Vera H.) (Successor to Vera H. Dunning)	324.00 0.16394	0.16394
Covina, City of (Transferred to Covina Irrigating Company) (Transferred to Covina Irrigating Company)	2,507.89 1,734.00 300.00	0.87137 0.15179 0.23979	Dunning, Vera H. (Transferred to George Dunning)	-	-
Covina-Valley Unified School District (Transferred to Anderson, Ray)	0 2.25	0 0.00014	East Pasadena Water Company, Ltd.	1,407.69 0.71227	0.71227
Crevolin, A. J.			Eckis, Rollin (Successor to Sawpit Farms, Ltd.) (Transferred to City of Monrovia)	0 0	0 0
Crocker National Bank, Executor of the Estate of A. V. Handorf (Transferred to Modern Accent Corp.)	0 0	0 0	El Encanto Properties (Transferred to La Puente Valley County Water District)	0 2,784.23	0 1.40878
Cross Water Company (Transferred to City of Industry)	0 190.00 10.00 200.00	0 0.09614 0.00506 0.10120	El Monte, City of El Monte Cemetery Association El Monte Union High School District (Successor to Duhalde, L.) (Transferred to City of Whittier)	0 0 0 0	0 0 0 0
) Crown City Plating Company (Successor to Anchor Plating Co., Inc.)	22.00 441.90	0.01113 0.22359	Everett, Mrs. Alda B. (Held in common with Everett, W. B., Executor of the Estate of I. Worth Everett) Everett, W. B., Executor of the Estate of I. Worth Everett (See Everett, Mrs. Alda B.)	0 0	0 0
Davidson Optronics, Inc.	199.00	0.10069	Faix, Inc. (Successor to Frank F. Pellissier & Sons, Inc.) (Transferred to Faix, Ltd.)	6,490.00 0	3.28384 0
Daves, Mary Kay (Successor to Bahnsen, Betty M.)			Faix, Ltd. (Successor to Faix, Inc.)		
Del Rio Mutual Water Company			First National Finance Corporation (Transferred to City of Arcadia)	0 0	0 0
Denton, Kathryn W., Trustee for San Jose Ranch Company	0 Transfer to White, June G., Trustee of the June G. White, Share of the Garnier Trust)	0 0	Fisher, Russell (Held in common with Hauch, Edward and Warren, Clyde) (Transferred to California Domestic Water Company)	0 0	0 0
Doyle, Mr. and Mrs.; and Madruga, Mr. and Mrs. (Successor to Sawpit Farms, Ltd.) (Transferred to Banks, Gale C.)	163.80	0.08288	Driftwood Dairy	Exhibit "D"	D - 4
Duhalde, L. (Transferred to El Monte Union High School District)	0	0		Exhibit "D"	D - 5

<u>Pumper</u>	<u>Prescriptive Pumping Right Acre-feet</u>	<u>Pumper's Share %</u>	<u>Pumper</u>	<u>Prescriptive Pumping Right Acre-feet</u>	<u>Pumper's Share %</u>
Frank F. Pelissier & Sons, Inc. (Transferred to Faix, Inc.)	0	0	Hollenbeck Street Water Company (Transferred to Suburban Water Systems)	0	0
Fruit Street Water Company (Transferred to: Gifford, Brooks, Jr. City of La Verne)	0	0	Hunter, Lloyd F. (Successor to R. Wade)	4.40	0.00223
Gifford, Brooks, Jr. (Successor to: Fruit Street Water Co., Mission Gardens Mutual Water Company) (Transferred to City of Whittier)	0	0	Hydro-Conduit Corporation	0	0
Gilkerson, Frank B. (Transferred to Jobe, Darr)	-	-	Industry Waterworks System, City of (Successor to Cross Water Company)	1,103.00	0.55810
Glendora Unified High School District (Transferred to City of Glendora)	0	0	Industry Properties, Ltd. (Successor to A & E Plastik Pak Co., Inc.) (Transferred to California Domestic Water Co.)	0	0
Goedert, Lillian E. (See Covell, et al.)	-	-	J. F. Isbell Estate, Inc. (Transferred to Andrade, Macario and Consuelo; and Andrade, Robert and Jayne)	0	0
Goedert, Marion W. (See Covell, et al.)	-	-	Jerris, Helen (See Polopulus, et al.)	-	-
Graham, William (Transferred to Darr Jobe)	-	-	Jobe, Darr (See Covell, et al.)	-	-
Green, Walter	71.70	0.03628	Kirklen Family Trust (Formerly Kirklen, Dawn L.) (Held in common with Kirklen, William R.) (Successor to San Dimas-La Verne Recreational Facilities Authority)	375.00 62.50 437.50	0.18974 0.03162 0.22136
Grizzle, Lissa B. (Held in common with Grizzle, Mervin A.; Wilson, Harold R.; Wilson, Sarah C.) (Transferred to City of Whittier)	0	0	Kirklen, Dawn L. (See Kirklen Family Trust)	-	-
Grizzle, Mervin A. (See Grizzle, Lissa B.)	0	0	Kirklen, William R. (See Kirklen, Dawn L.)	-	-
Hansen, Alice	0.75	0.00038	Kiyan, Hideo (Held in common with Kiyan, Hiro) (See Kiyan, Hideo)	30.00	0.01518
Hartley, David	0	0	Knight, Kathryn M. (Successor to William Knight)	227.88	0.11530
Hauch, Edward (See Fisher, Russell)	0	0	Knight, William (Transferred to Kathryn M. Knight)	0	0
Hemlock Mutual Water Company	166.00	0.08399			

Pumper	Prescriptive Pumping Right Acre-feet	Pumper's Share %	Pumper	Prescriptive Pumping Right Acre-feet	Pumper's Share %
Lakin, Kelly R. (See Covell, et al.)	-	-	Miller Brewing Company (Successor to: Maechtlen, Estate of J. J. Phillips, Alice B., et al.)	111.01	0.05617
Lakin, Kendall R. (See Covell, et al.)	-	-	Mission Gardens Mutual Water Company (Transferred to Gifford, Brooks, Jr.)	151.50	0.07666
Landeros, John	0.75	0.00038	Modern Accent Corporation (Successor to Crocker National Bank, Executor of the Estate of A. V. Handorf) (Transferred to California Domestic Water Co.)	50.00	0.02530
La Grande Source Water Company (Transferred to Suburban Water Systems)	0	0	Monterey Park, City of (Successor to Los Flores Mutual Water Co.)	312.51	0.15813
Lang, Frank (Transferred to San Dimas-La Verne Recreational Facilities Authority)	0	0	Murphy Ranch Mutual Water Company (Transferred to Southwest Suburban Water)	6,677.48	3.37870
La Puente Cooperative Water Company (Transferred to Suburban Water Systems)	0	0	Namintatsu Farms (Transferred to California Cities Water Company)	26.60	0.01346
La Puente Valley County Water District (Successor to El Encanto Properties)	<u>1,097.00</u> <u>33.40</u> <u>1,130.40</u>	<u>0.55507</u> <u>0.01690</u> <u>0.57197</u>	Nick Tomovich & Sons	6,704.08	3.39216
La Verne, City of (Successor to Fruit Street Water Co.)	<u>250.00</u> <u>105.71</u> <u>355.71</u>	<u>0.12650</u> <u>0.05349</u> <u>0.17999</u>	No. 17 Walnut Place Mutual Water Co. (Transferred to San Gabriel Valley Water Company)	0	0
Lee, Paul M. and Ruth A.; Nasmyth, Virginia; Nasmyth, John	0	0	Orange Production Credit Association	0	0
Little John Dairy	0	0	Owl Rock Products Co.	715.60	0.36208
Livingston-Graham, Inc.	1,824.40	0.92312	Pacific Rock & Gravel Co. (Transferred to: City of Whittier Rose Hills Memorial Park Association)	0	0
Los Flores Mutual Water Company (Transferred to City of Monterey Park)	0	0	Park Water Company (Transferred to Valley County Water District)	0	0
Loucks, David	3.00	0.00152	Penn, Margaret (See Polopolus, et al.)	-	-
Manning Bros. Rock & Sand Co. (Transferred to Conrock Company)	0	0	Pico County Water District	0.75	0.00038
Maple Water Company	118.50	0.05996	Polopolus, John (See Polopolus, et al.)	-	-
Martinez, Frances Mercy (Held in common with Martinez, Jaime)	0.75	0.00038	Massey-Ferguson Company	0	0
Martinez, Jaime (See Martinez, Frances Mercy)	-	-	Exhibit "D"		
Massey-Ferguson Company	0	0	D - 8		

Pumper	Prescriptive Pumping Right Acre-feet		Pumper's Share %	Prescriptive Pumping Right Acre-feet	Pumper's Share %
	Pumper	Pumper's Share %			
Polopulus, et al (Successor to Polopulus, Steve) (Held in common with Chronis, Christine; Jerris, Helen; Penn, Margaret; Polopulus, John)	22.50	0.01138		San Gabriel Valley Municipal Water District	0 0
Polopulus, Steve (Transferred to Polopulus, et al)	-	-		San Gabriel Valley Water Company (Successor to: Vallecito Water Co. No. 17 Walnut Place Mutual Water Co.)	16,659.00 8.42920 2,867.00 1.45066 21.50 0.01088 19,547.50 9.89074
Rados, Alexander (Held in common with Rados, Stephen and Rados, Walter)	43.00	0.02176		Sawpit Farms, Limited (Transferred to: Eckis, Rollin Doyle and Madruga)	0 0
Rados, Stephen (See Rados, Alexander)	-	-		Schneiderman, Alan (See Birnenbaum, Max)	- -
Rados, Walter (See Rados, Alexander)	-	-		Schneiderman, Lydia (See Birnenbaum, Max)	- -
Richwood Mutual Water Company	192.60	0.09745		Security Pacific National Bank, Co-Trustee for the Estate of Winston F. Stoody (See Stoody, Virginia A.) (Transferred to City of Whittier)	0 0
Rincon Ditch Company	628.00	0.31776		Sierra Madre, City of Sloan Ranches	0 0
Rittenhouse Irrigation Company	314.00	0.15888		Smith, Charles Snyder, Harry (See Covell, et al)	0 0
Rittenhouse, Catherine (Transferred to Covell, Ralph)	0	0		Sonoco Products Company South Covina Water Service	- -
Rittenhouse, James (Transferred to Covell, Ralph)	0	0		Southern California Edison Company (Successor to: Associated Southern Investment Company)	311.60 0.15766 992.30 0.50209 155.25 0.07855 16.50 0.00835 171.75 0.08690
Rose Hills Memorial Park Association (Successor to Pacific Rock & Gravel Co.)	594.00 200.00 794.00	0.30055 0.10120 0.10175		Southern California Water Company, San Gabriel Valley District	5,773.00 2.92105
Rosemead Development, Ltd. (Successor to Thompson, Earl W.)	1.00	0.00051		South Pasadena, City of (See Suburban Water Systems)	3,567.70 1.80520 - -
Rurban Homes Mutual Water Company	217.76	0.11018			
Ruth, Roy	0.75	0.00038			
San Dimas-La Verne Recreational Facilities Authority (Successor to Lang, Frank) (Transferred to Kirkien, Dawn L. and William R.)	0	0			
San Gabriel Country Club	286.10	0.14476			
San Gabriel County Water District	4,250.00	2.15044			

Exhibit "D"
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Exhibit "D"
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Pumper	Prescriptive Pumping Right Acre-feet	Pumper's Share %	Pumper	Prescriptive Pumping Right Acre-feet	Pumper's Share %
Southwestern Portland Cement Company (Successor to Azusa Western, Inc.)	742.00	0.37544	U. S. Pipe & Foundry Company (Formerly United Concrete Pipe Corporation)	376.00	0.19025
Speedway 605, Inc.	0	0	Valencia Heights Water Company	861.00	0.43565
Standard Oil Company of California	2.00	0.00101	Valencia Valley Water Company (Transferred to Suburban Water Systems)	0	0
Sterling Mutual Water Company	120.00	0.06072	Vallecito Water Company (Transferred to San Gabriel Valley Water Company)	0	0
Stoody, Virginia A., Co-Trustee for the Estate of Winston F. Stoody (See Security Pacific National Bank, Co-Trustee)	-	-	Valley County Water District (Formerly Baldwin Park County Water District) (Successor to Park Water Company)	5,775.00 5,959.01 5,184.01	2.92206 0.09311 3.01517
Suburban Water Systems (Formerly Southwest Suburban Water) (Successor to: Hollenbeck Street Water Company La Grande Source Water Company La Puente Cooperative Water Co. Valencia Valley Water Company Victoria Mutual Water Company Cal Fin Murphy Ranch Mutual Water Co.)	20,462.47	10.35370	Valley Crating Company	0	0
	646.39	0.32706	Valley View Mutual Water Company	616.00	0.31169
	1,078.00	0.54545	Via, H. (See Via, H., Trust of)	-	-
	1,210.90	0.61270	Via, H., Trust of (Formerly Via, H.)	16.20	0.02338
	651.50	0.32965	Victoria Mutual Water Company (Transferred to Suburban Water Systems)	0	0
	469.60	0.23761	Wade, R. (Transferred to Lloyd F. Hunter)	0	0
	118.10	0.05976	Ward Duck Company	1,217.40	0.61599
	223.23	0.11295	Warren, Clyde (See Fisher, Russell)	-	-
	24,860.19	12.57888	W. E. Hall Company	0.20	0.00010
Sully-Miller Contracting Company (Successor to Blue Diamond Concrete Materials Division, The Flintkote Co.)	1,399.33	0.70804	White, June G., Trustee of the June G. White Share of the Garnier Trust (Successor to Denton, Kathryn W., Trustee for the San Jose Ranch Company)	185.50	0.09386
Sunny Slope Water Company	2,228.72	1.12770	Taylor Herb Garden (Transferred to Covina Irrigating Company)	0	0
Taylor Herb Garden (Transferred to Covina Irrigating Company)	0	0	Texaco, Inc.	-	-
Thompson, Earl W. (Held in common with Thompson, Mary) (Transferred to Rosemead Development, Ltd.)	50.00	0.02530	Thompson, Mary (See Thompson, Earl W.)	-	-
Thompson, Mary (See Thompson, Earl W.)	3.21	0.00162	Tyler Nursery	-	-
United Concrete Pipe Corporation (See U. S. Pipe & Foundry Company)	-	-	United Concrete Pipe Corporation (See U. S. Pipe & Foundry Company)	-	-

Pumper	Prescriptive Pumping Right Acre-feet	Pumper's Share %	
Whittier, City of (Successor to: Grizzle, Lissa B. Pacific Rock and Gravel Co.)	7,620.23	3.85572	
Security Pacific National Bank Co-Trustee for the Estate of Winston F. Stooey	184.00	0.09310	
El Monte Union High School District Gifford, Brooks, Jr. Birenbaum, Max)	208.00	0.10524	
Wigodsky, Bernard (See Birenbaum, Max)	-	-	
Wigodsky, Estera (See Birenbaum, Max)	-	-	
Wilcott, Erma M. (Formerly Comby, Erma M.)	0.75	0.00038	
Wilson, Harold R. (See Grizzle, Lissa B.)	-	-	
Wilson, Sarah C. (See Grizzle, Lissa B.)	-	-	
Woodland, Frederick G.	-	-	
Woodland, Richard (Successor to: Bahnsen and Beckman Ind., Inc.)	840.50	0.42528	
Totals for Exhibit "D"	<u>165,800.68</u>	<u>78,832.76</u>	
Totals from Exhibit "E"	<u>41,833.75</u>	<u>21,147.24</u>	
GRAND TOTALS	<u><u>197,634.43</u></u>	<u><u>100.00000</u></u>	
Azusa Foot-Hill Citrus Water Company (Transferred to Monrovia Nursery Company)			Prescriptive Pumping Diversion Component Acre-feet Share Percent (%)
Azusa Valley Water Company	2,422.00	0	0
California-American Water Company (Duarate System)	1,672.00	3,649.00	1.84634
California Cities Water Company (See Southern California Water Company, San Dimas District)	-	-	-
Covina Irrigating Company (Successor to: City of Covina, City of Covina, and Taylor Herb Gardden)	2,514.00	4,140.00	2.09478
Glendora, City of (Successor to: Maechtlens, Estate of J. J., Maechtlens, Trust of P. A., Ruebhausen, Arline, and Glendora Unified High School District)	17.00	1,734.00	0.87737
Los Angeles, County of	310.00	300.00	0.15179
Maechtlens, Estate of J. J. (Transferred to: City of Glendora Miller Brewing Company)	0	50.00	0.02530
		<u>6,180.00</u>	<u>6,180.00</u>
		<u>35.34</u>	<u><u>35.34</u></u>
		<u><u>9.00</u></u>	<u><u>0.05009</u></u>
		<u><u>8,557.00</u></u>	<u><u>4,329.71</u></u>
		<u><u>0</u></u>	<u><u>0</u></u>

Exhibit "D"
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Exhibit "E"
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TABLE
SHOWING PRODUCTION RIGHTS
OF EACH
INTEGRATED PRODUCER
AS OF JUNE 1988

Exhibit "F"

TABLE SHOWING
SPECIAL CATEGORY RIGHTS

<u>Party</u>	<u>Diversion Component Acre-feet</u>	<u>Prescriptive Pumping Component Acre-feet</u>	<u>Pumping Share %</u>	<u>PARTY</u>	<u>Nature of Right</u>
Maechtlén, Estate of J. J.	1.49	0	0	The Metropolitan Water District of Southern California	Morris Reservoir Storage and Withdrawal
Maechtlén, Trust of P. A. (Transferred to: City of Glendora Alice B. Phillips, et al)	0.50	100.50	0.05085 -0.02530 <u>-0.50</u> 0	(a) A right to divert, store and use San Gabriel River Water, pursuant to Permit No. 7174.	(a) A right to divert, store and use San Gabriel River Water, pursuant to Permit No. 7174.
The Metropolitan Water District of Southern California	9.59	165.00	0.08349	(b) Prior and paramount right to divert 72 acre-feet annually to offset Morris Reservoir evaporation and seepage losses and to provide the water supply necessary for presently existing incidental Morris Dam facilities.	(b) Prior and paramount right to divert 72 acre-feet annually to offset Morris Reservoir evaporation and seepage losses and to provide the water supply necessary for presently existing incidental Morris Dam facilities.
Monrovia, City of (Successor to: Eckis, Rollin City of Arcadia)	1,098.00	5,042.22	2.55129	Puddingstone Reservoir	Prior Prescriptive right to divert water from San Dimas Wash for storage in Puddingstone Reservoir in quantities sufficient to offset annual evaporation and seepage losses of the reservoir at approximate elevation 942.
Monrovia, Nursery Company (Successor to: Azusa Foot-Hill Citrus Co.)	239.50	0	0) Los Angeles County Flood Control District (Now Los Angeles County Department of Public Works)) Los Angeles County Flood Control District (Now Los Angeles County Department of Public Works)
Phillips, Alice B., et al (Successor to: Maechtlén, Trust of P. A.) (Transferred to: Miller Brewing Company)	0.50	50.50	0.02530 <u>-50.00</u> 0.50		
Southern California Water Company (San Dimas Dist.) (Formerly California Cities Water Company) (Successor to: Nanimatsu Farms)	500.00	3,242.53	1.64076 <u>-3,438.53</u> 10,520.92	TOTAL for Exhibit "E"	Exhibit "E"
			<u>196.00</u> <u>0.09917</u> <u>1.73984</u> <u>41,833.75</u> <u>21.16724</u>		

Exhibit "F"
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Exhibit "E"
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Exhibit "G"

TABLE SHOWING
NON-CONSUMPTIVE USERS

	<u>Party</u>	<u>Nature of Right</u>
Covina Irrigating Company Azusa Valley Water Company Azusa Agricultural Water Co. Azusa Foot-Hill Citrus Co.	"Committee-of-Nine" Spreading Right To continue to divert water from the San Gabriel River pursuant to the 1888 Settlement, and to spread in spreading grounds within the Basin all water thus diverted without the right to recapture water in excess of said parties' rights as adjudicated in Exhibit "E".	1. Basin Storage Capacity. The highest water level at the end of a water year during the past 40 years was reached at the Key Well on September 30, 1944 (elevation 316). The State of California, Department of Water Resources, estimates that as of that date, the quantity of fresh water in storage in the Basin was approximately 8,600,000 acre-feet. It is also estimated by said Department that by September 30, 1960, the quantity of fresh water in storage had decreased to approximately 7,900,000 acre-feet (elevation 237) at the Key Well.
California-American Water Company (Duarte System)	Spreading Right To continue to divert water from the San Gabriel River pursuant to the 1888 Settlement, and to continue to divert water from Fish Canyon and to spread said waters in its spreading grounds in the Basin without the right to recapture water in excess of said party's rights as adjudicated in Exhibit "E".	The lowest water level at the end of a water year during the past 40 years was reached at the Key Well on September 30, 1965 (elevation 209). It is estimated that the quantity of fresh water in storage in the Basin on that date was approximately 7,700,000 acre-feet.
City of Glendora	Spreading Right To continue to spread the water of Big and Little Dalton Washes, pursuant to License No. 2592 without the right to recapture water in excess of said party's rights as adjudicated in Exhibit "E".	Thus, the maximum utilization of Basin storage was approximately 900,000 acre-feet, occurring between September 30, 1944, and September 30, 1965 (between elevations 316 and 209 at the Key Well). This is not to say that more than 900,000 acre-feet of storage space below the September 30, 1944 water levels cannot be utilized. However, it demonstrates that pumpers have deepened their wells and lowered their pumps so that such 900,000 acre-feet of storage can be safely and economically utilized.
San Gabriel Valley Protective Association	Spreading Right To continue to spread San Gabriel River water pursuant to License Nos. 9991 and 12,209 without the right to recapture said water.	The storage capacity of the Basin between elevations of 200 and 250 at the Key Well represents a usable volume of approximately 400,000 acre-feet of water.
California Cities Water Company	Temporary storage of storm flow for regulatory purposes;	Maintenance and operation of dams and other flood control works.
Los Angeles County Flood Control District	Spreading and conservation for general benefit in streambeds, reservoirs and spreading grounds without the right to recapture said water.	Exhibit "G" G - 1

EXHIBIT "H"

WATERMASTER OPERATING CRITERIA

-))
- Basin Storage Capacity.** The highest water level at the end of a water year during the past 40 years was reached at the Key Well on September 30, 1944 (elevation 316). The State of California, Department of Water Resources, estimates that as of that date, the quantity of fresh water in storage in the Basin was approximately 8,600,000 acre-feet. It is also estimated by said Department that by September 30, 1960, the quantity of fresh water in storage had decreased to approximately 7,900,000 acre-feet (elevation 237) at the Key Well.
- The lowest water level at the end of a water year during the past 40 years was reached at the Key Well on September 30, 1965 (elevation 209). It is estimated that the quantity of fresh water in storage in the Basin on that date was approximately 7,700,000 acre-feet.
- Thus, the maximum utilization of Basin storage was approximately 900,000 acre-feet, occurring between September 30, 1944, and September 30, 1965 (between elevations 316 and 209 at the Key Well). This is not to say that more than 900,000 acre-feet of storage space below the September 30, 1944 water levels cannot be utilized. However, it demonstrates that pumpers have deepened their wells and lowered their pumps so that such 900,000 acre-feet of storage can be safely and economically utilized.
- The storage capacity of the Basin between elevations of 200 and 250 at the Key Well represents a usable volume of approximately 400,000 acre-feet of water.

Exhibit "H"
H - 1

2. Operating Safe Yield and Spreading. Watermaster in determining Operating Safe Yield and the importation of Replacement Water shall be guided by water level elevations in the Basin. He shall give recognition to, and base his operations on, the following general objectives insofar as practicable:
- (a) The replenishment of ground water from sources of supplemental water should not cause excessively high levels of ground water and such replenishment should not cause undue waste of local water supplies.
- (b) Certain areas within the Basin are not at the present time capable of being recharged with supplemental water. Efforts should be made to provide protection to such areas from excessive ground water lowering either through the "in lieu" provisions of the Judgment or by other means.
- (c) Watermaster shall consider and evaluate the long-term consequences on ground water quality, as well as quantity, in determining and establishing Operating Safe Yield. Recognition shall be given to the enhancement of ground water quality insofar as practicable, especially in the area immediately upstream of Whittier Narrows where degradation of water quality may occur when water levels at the Key Well are maintained at or below elevation 200.
- (d) Watermaster shall take into consideration the comparative costs of supplemental and Make-up Water in determining the savings on a present value basis of temporary or permanent lowering or raising of water levels and other economic data and analyses indicating both the short-term and long-term

propriety of adjusting Operating Safe Yield in order to derive optimum water levels during any period. Watermaster shall utilize the provisions in the Long Beach Judgment which will result in the least cost of delivering Make-up Water.

3. Replacement Water — Sources and Recharge Criteria. The following criteria shall control purchase of Replacement Water and Recharge of the Basin by Watermaster.

- (a) Responsible Agency From Which to Purchase. Watermaster, in determining the Responsible Agency from which to purchase supplemental water for replacement purposes, shall be governed by the following:
- (1) Place of Use of Water which is used primarily within the Basin or by cities within San Gabriel District in areas within or outside the Basin shall control in determining the Responsible Agency. For purposes of this subparagraph, water supplied through a municipal water system which lies chiefly within the Basin shall be deemed entirely used within the Basin; and
- (2) Place of Production of water shall control in determining the Responsible Agency as to water exported from the Basin, except as to use within San Gabriel District.
- Any Responsible Agency may, at the request of Watermaster, waive its right to act as the source for such supplemental water, in which case Watermaster shall be free to purchase such water from the remaining Responsible Agencies which are the most beneficial and appropriate sources; provided, however, that a Responsible Agency shall not

authorize any sale of water in violation of the California Constitution.

(b) **Water Quality.** Watermaster shall purchase the best quality of supplemental water available for replenishment of the Basin, pursuant to subsection (a) hereof.

(c) **Reclaimed Water.** It is recognized that the technology and economic and physical necessity for utilization of reclaimed water is increasing. The purchase of reclaimed water in accordance with the Long Beach Judgment to satisfy the Make-up Obligation is expressly authorized. At the same time, water quality problems involved in the reuse of water within the Basin pose serious questions of increased costs and other problems to the pumpers, their customers and all water users. Accordingly, Watermaster is authorized to gather information, make and review studies, and make recommendations on the feasibility of the use of reclaimed water for replacement purposes; provided that no reclaimed water shall be recharged in the Basin by Watermaster without the prior approval of the court, after notice to all parties and hearing thereon.

4. **Replacement Assessment Rates.** The Replacement Assessment rates shall be in an amount calculated to allow Watermaster to purchase one acre-foot of supplemental water for each acre-foot of excess production to which such Assessment applies.

EXHIBIT "J"

PUENTE NARROWS AGREEMENT

THIS AGREEMENT is made and entered into as of the 8th day of May, 1972, by and between PUENTE BASIN WATER AGENCY, herein called "Puente Agency", and UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT, herein called "Upper District".

A. RECITALS

1. **Puente Agency.** Puente Agency is a joint powers agency composed of Walnut Valley Water District, herein called "Walnut District", and Rowland Area County Water District, herein called "Rowland District". Puente Agency is formed for the purpose of developing and implementing a ground water basin management program for Puente Basin. Pursuant to said purpose, said Agency is acting as a representative of its member districts and of the water users and water right claimants therein in the defense and maintenance of their water rights within Puente Basin.
2. **Upper District.** Upper District is a municipal water district overlying a major portion of the Main San Gabriel Basin. Upper District is Plaintiff in the San Gabriel Basin Case, wherein it seeks to adjudicate rights and implement a basin management plan for the Main San Gabriel Basin.
3. **Puente Basin** is a ground water basin tributary to the Main San Gabriel Basin. Said area was included within the scope of the San Gabriel Basin Case and substantially Exhibit "J"

all water rights claimants within Puente Basin were joined as defendants therein. The surface contribution to the Main San Gabriel Basin from Puente Basin is by way of the paved flood control channel of San Jose Creek, which passes through Puente Basin from the Pomona Valley area. Subsurface outflow is relatively limited and moves from the Puente Basin to the Main San Gabriel Basin through Puente Narrows.

4. Intent of Agreement. Puente Agency is prepared to assure Upper District that no activity within Puente Basin will hereafter be undertaken which will (1) interfere with surface flows in San Jose Creek, or (2) impair the subsurface flow from Puente Basin to the Main San Gabriel Basin. Walnut District and Rowland District, by operation of law and by express assumption endorsed hereon, assume the covenants of this agreement as a joint and several obligation. Based upon such assurances and the covenants hereinafter contained in support thereof, Upper District consents to the dismissal of all Puente Basin parties from the San Gabriel Basin Case. By reason of said dismissals, Puente Agency will be free to formulate a separate water management program for Puente Basin.

B. DEFINITIONS AND EXHIBITS

5. Definitions. As used in this Agreement, the following terms shall have the meanings herein set forth:

- (a) Annual or Year refers to the fiscal year July 1 through June 30.
- (b) Base Underflow. The underflow through

Exhibit "J"
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Puente Narrows which Puente Agency agrees to maintain, and on which accrued debits and credits shall be calculated.

(c) Make-up Payment. Make-up payments shall be an amount of money payable to the Watermaster appointed in the San Gabriel Basin Case, sufficient to allow said Watermaster to purchase replacement water on account of any accumulated deficit as provided in Paragraph 9 hereof.

(d) Puente Narrows. The subsurface geologic constriction at the downstream boundary of Puente Basin, located as shown on Appendix "B".

(e) Main San Gabriel Basin, the ground water basin shown and defined as such in Exhibit "A" to the Judgment in the San Gabriel Basin Case.

(f) San Gabriel Basin Case. Upper San Gabriel Valley Municipal Water District v. City of Alhambra, et al., L. A. sup. Ct. No. 924128, filed January 2, 1968.

6. Appendices. Attached hereto and by this reference made a part hereof are the following appendices:
"A" -- Location Map of Puente Basin, showing major geographic, geologic, and hydrologic features.
"B" -- Map of Cross-Section Through Puente Narrows, showing major physical features and location of key wells.

Exhibit "J"
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"C" -- Engineering Criteria, being a description of a method of measurement of subsurface outflow to be utilized for Watermaster purposes.

C. COVENANTS

7. Watermaster. There is hereby created a two member Watermaster service to which each of the parties to this agreement shall select one consulting engineer. The respective representatives on said Watermaster shall serve at the pleasure of the governing body of each appointing party and each party shall bear its own Watermaster expense.

a. Organization. Watermaster shall perform the duties specified herein on an informal basis, by unanimous agreement. In the event the two representatives are unable to agree upon any finding or decision, they shall select a third member to act, pursuant to the applicable laws of the State of California. Thereafter, until said issue is resolved, said three shall sit formally as a board of arbitration.

Upon resolution of the issue in dispute, the third member shall cease to function further.

b. Availability of Information. Each party hereto shall, for itself and its residents and water users, use its best efforts to furnish all appropriate information to the Watermaster in order that the required determination can be made.

Exhibit "J"

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- c. Cooperation With Other Watermasters. Watermaster hereunder shall cooperate and coordinate activities with the Watermasters appointed in the San Gabriel Basin Case and in Long Beach v. San Gabriel Valley Water Company, et al.
- d. Determination of Underflow. Watermaster shall annually determine the amount of underflow from Puente Basin to the San Gabriel Basin, pursuant to Engineering Criteria.
- e. Perpetual Accounting. Watermaster shall maintain a perpetual account of accumulated base underflow, accumulated subsurface flow, any deficiencies by reason of interference with surface flows, and the offsetting credit for any make-up payments. Said account shall annually show the accumulated credit or debit in the obligation of Puente Agency to Upper District.
- f. Report. Watermaster findings shall be incorporated in a brief written report to be filed with the parties and with the Watermaster in the San Gabriel Basin Case. Said report shall contain a statement of the perpetual account heretofore specified.

- g. Base Underflow. On the basis of a study and review of historic underflow from Puente Basin to the Main San Gabriel Basin, adjusted for the effect of the paved flood control channel and other relevant considerations, it is Exhibit "J"

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mutually agreed by the parties that the base underflow is and shall be 580 acre feet per year, calculated pursuant to Engineering Criteria.

9. Puente Agency's Obligation. Puente Agency covenants, agrees and assumes the following obligation hereunder:

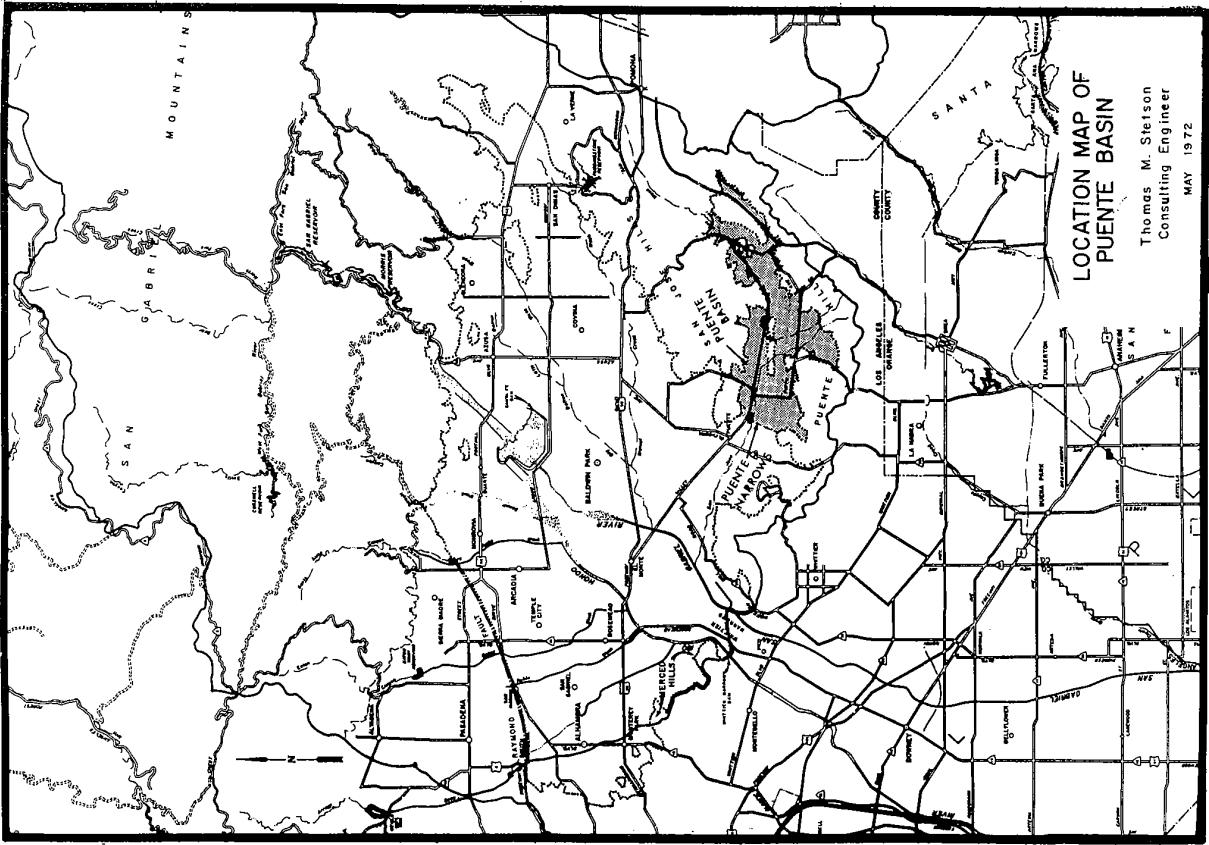
- a. Noninterference with Surface Flow. Neither Puente Agency nor any persons or entities within the corporate boundaries of Walnut District or Rowland District will divert or otherwise interfere with or utilize natural surface runoff now or hereafter flowing in the storm channel of San Jose Creek; provided, however, that this covenant shall not prevent the use, under Watermaster supervision, of said storm channel by the Puente Agency or Walnut District or Rowland District for transmission within Puente Agency of supplemental or reclaimed water owned by said entities and introduced into said channel solely for transmission purposes. In the event any unauthorized use of surface flow in said channel is made contrary to the covenant herein provided, Puente Agency shall compensate Upper District by utilizing any accumulated credit or by make-up payment in the same manner as is provided for deficiencies in subsurface outflow from Puente Basin.
- b. Subsurface Outflow. To the extent that

the accumulated subsurface outflow falls below the accumulated base underflow and the result thereof is an accumulated deficit in the Watermaster's annual accounting, Puente Agency agrees to provide make-up payments during the next year in an amount not less than one-third of the accumulated deficit.

- c. Purchase of Reclaimed Water. To the extent that Puente Agency or Walnut District or Rowland District may hereafter purchase reclaimed water from the facilities of Sanitation District 21 of Los Angeles County, such purchaser shall use its best efforts to obtain waters originating within San Gabriel River Watershed.
10. Puente Basin Parties Dismissal. In consideration of the assumption of the obligation hereinabove provided by Puente Agency, Upper District consents to entry of dismissals as to all Puente Basin parties in San Gabriel Basin Case. This agreement shall be submitted for specific approval by the Court and a finding that it shall operate as full satisfaction of any and all claims by the parties within Main San Gabriel Basin against Puente Basin parties by reason of historic surface and subsurface flow.

Exhibit "J"
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Exhibit "J"
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IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed as of the day and date first above written.

Approved as to form:
CLARSON, STARK, ROTHROCK & MANN
By John H. Stark
Attorneys for Puentte Agency

Approved as to form:
UPPER SAN GABRIEL VALLEY
MUNICIPAL WATER DISTRICT
By Frank D. Arlen
Attorney for Upper District

The foregoing agreement is approved and accepted, and the same is acknowledged as the joint and several obligation of the undersigned.

Approved as to form:
WALNUT VALLEY WATER DISTRICT
By P. Bourdet
Vice President
ROWLAND AREA COUNTY WATER
DISTRICT
By W. A. Simans
President
Attorneys for Walnut District

Exhibit "J"
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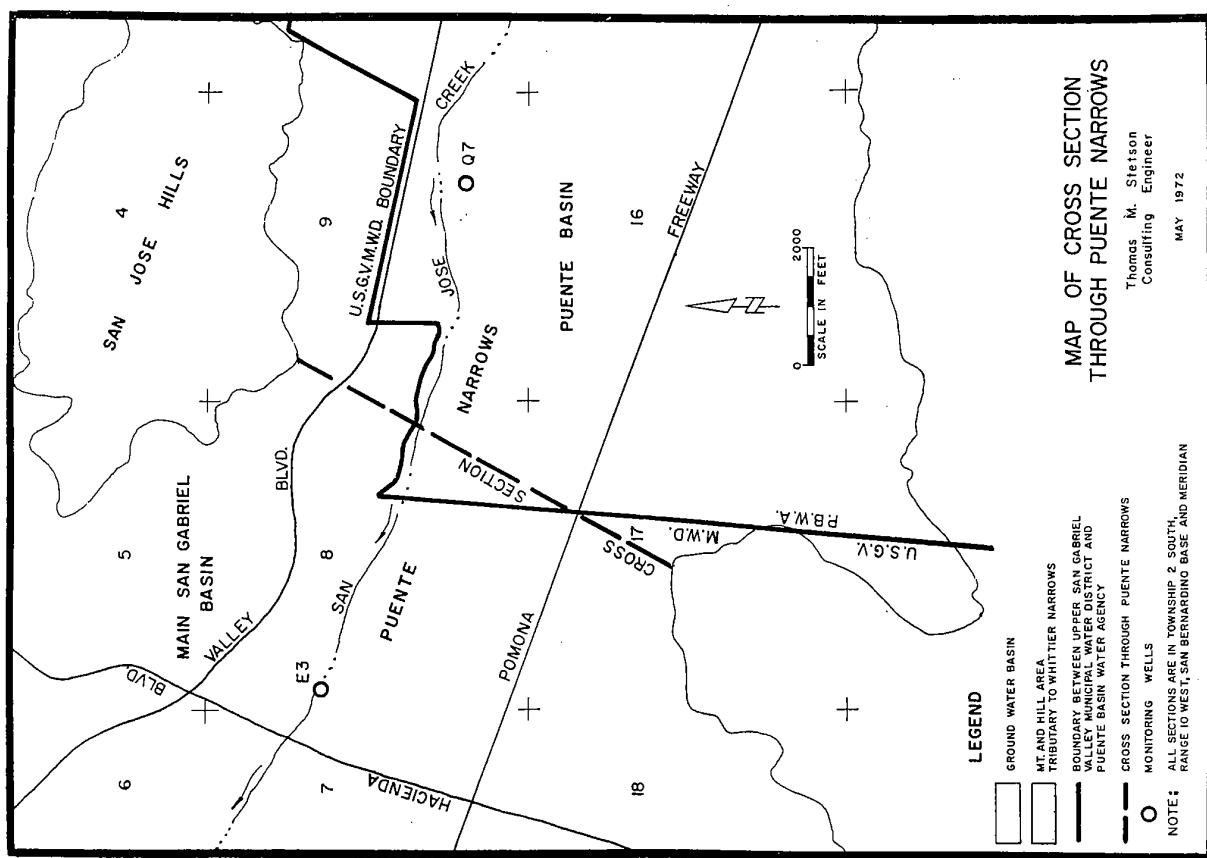
APPENDIX "A"
EXHIBIT
J - 9

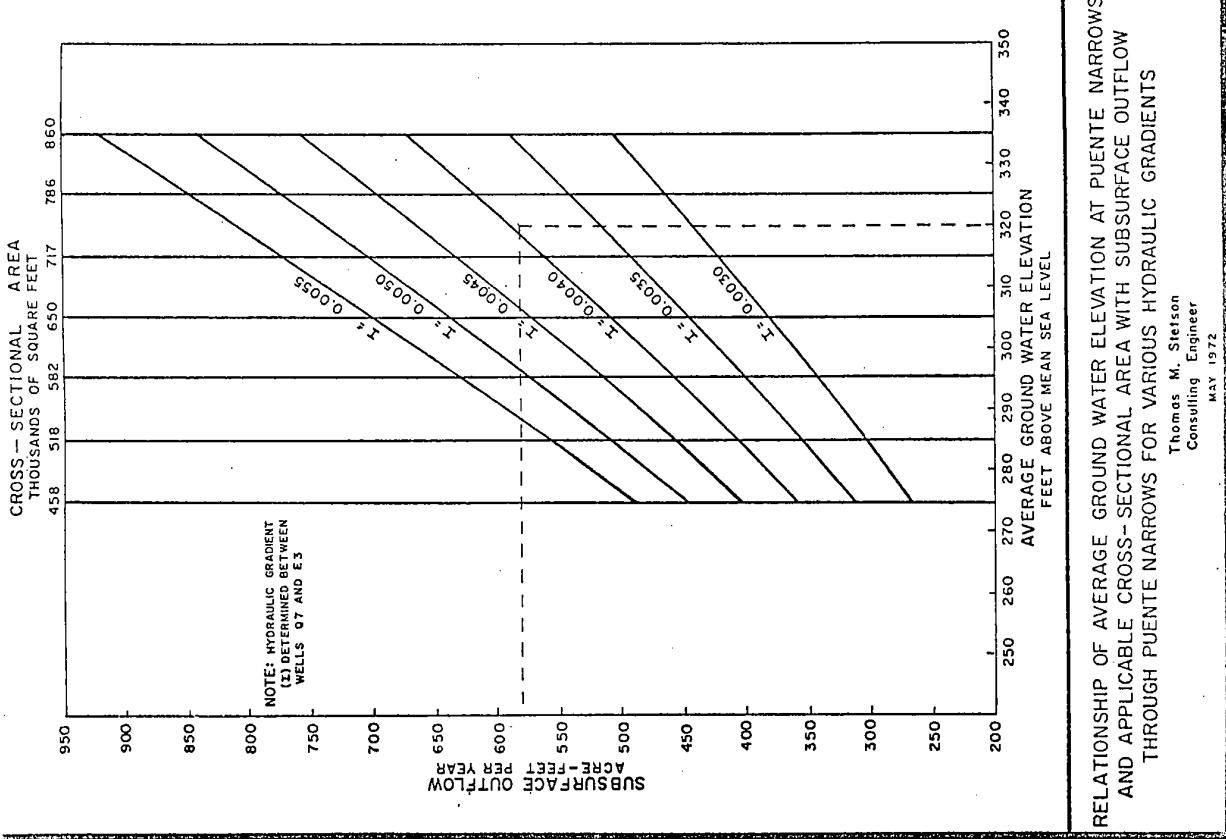
ENGINEERING CRITERIA
APPENDIX "C"

1. Monitoring Wells. The wells designated as State Wells No. 2S/10W-9Q7 and 2S/10W-8E3 and Los Angeles County Flood Control District Nos. 3079M and 3048B, respectively, shall be used to measure applicable ground water elevations. In the event either monitoring well should fail or become unrepresentative, a substitute well shall be selected or drilled by Watermaster. The cost of drilling a replacement well shall be the obligation of the Puente Agency.
2. Measurement. Each monitoring well shall be measured and the ground water elevation determined semi-annually on or about April 1 and October 1 of each year. Prior to each measurement, the pump shall be turned off for a sufficient period to insure that the water table has recovered to a static or near equilibrium condition.
3. Hydraulic Gradient. The hydraulic gradient, or slope of the water surface through Puente Narrows, shall be calculated between the monitoring wells as the difference in water surface elevation divided by the distance, approximately 9,000 feet, between the wells. The hydraulic gradient shall be determined for the spring and fall and the average hydraulic gradient calculated for the year.
4. Ground Water Elevation at Puente Narrows Cross Section. The ground water elevation at the Puente Narrows section.

APPENDIX "C"
Exhibit "J"

J - 11





RELATIONSHIP OF AVERAGE GROUND WATER ELEVATION AT PUENTE NARROWS
AND APPLICABLE CROSS-SECTIONAL AREA WITH SUBSURFACE OUTFLOW
THROUGH PUENTE NARROWS FOR VARIOUS HYDRAULIC GRADIENTS

Thomas M. Stelson
Consulting Engineer
MAY 1972

cross section midway between the monitoring wells shall be the average of the ground water elevation at the two wells. This shall be determined for the spring and fall and the average annual ground water elevation calculated for the year.

5. Determination of Underflow. The chart attached is a photo-reduction of a full scale chart on file with the Watermaster. By applying the appropriate average annual hydraulic gradient (I) to the average annual ground water elevation at the Puente Narrows cross section (involving the appropriate cross-sectional area [A]), it is possible to read on the vertical scale the annual acre feet of underflow.

)
EXHIBIT "K"
OVERLYING RIGHTS

I. NATURE OF OVERLYING RIGHT

An "Overlying Right" is the right to produce water from the Main San Gabriel Basin for use on the overlying lands hereinafter described. Such rights are exercisable without quantitative limit only on said overlying land and cannot be separately conveyed or transferred apart therefrom. The exerciser of such right is assessable by Watermaster as provided in Paragraph 21 of the Amended Judgment herein (prior Paragraph 14.5 of the Judgment herein) and is subject to the other provisions of said Paragraph.

II. OVERLYING LANDS (Description)

The overlying lands to which Overlying Rights are appurtenant are described as follows:
)
"Those portions of Lots 1 and 2 of the lands formerly owned by W.A. Church, in the Rancho San Francisquito, in the City of Irwindale, County of Los Angeles, State of California, as shown on recorder's filed map No. 509, in the office of the County Recorder of said County, lying northeasterly of the northeasterly line and its southeasterly prolongation of Tract 188, as shown on map recorded in Book 21 page 183 of Maps, in the office of the County Recorder of said County.

"EXCEPT the portions thereof lying northerly and northwesterly of the center line of Arrow Highway described 'Sixth', and the center line of Live Oak Avenue described 'Third', in a final decree of condemnation, a certified copy of which was recorded August 18, 1933 as Instrument No. 354, in Book 12289, Page 277, Official Records.

"ALSO EXCEPT that portion of said land described in the final decree of condemnation entered in Los Angeles County Superior Court Case No. 805008, a certified copy of which was recorded September 21, 1964, as Instrument No. 3730, in Book D-2634, Page 648, Official Records."

Exhibit "K"
K - 1

III. PRODUCERS ENTITLED TO EXERCISE OVERLYING RIGHTS AND THEIR RESPECTIVE CONSUMPTIVE USE PORTIONS

The persons entitled to exercise Overlying Rights are both the owners of Overlying Rights and persons and entities licensed by such owners to exercise such Overlying Rights.

The persons entitled to exercise Overlying Rights and their respective Consumptive Use portions are as follows:

OWNER PRODUCERS CONSUMPTIVE USE PORTION

BROOKS GIFFORD, SR.
BROOKS GIFFORD, JR.
PAUL MNOLAN
JOHN MGRDICHIAN
J. EARL GARRETT

3.5 acre-feet per year

Present User:
Nu-Way Industries

PRODUCERS UNDER LICENSE

A. WILLIAM C. THOMAS
and EVELYN F. THOMAS,
husband and wife, and
MALCOLM K. GATHERER
and JACQUELINE GATHERER,
husband and wife,
doing business by
and through B & B
REDI-I-MIX CONCRETE,
INC., a corporation

45.6 acre-feet per year

B. PRE-STRESS CRANE RIGGING &
TRUCK CO., INC.,
a corporation

1.0 acre-foot per year

Present Users:
Pre-Stress Crane Rigging &
Truck Co., Inc., a corporation

Total 50.1 acre-feet per year

IV. ANNUAL GROSS AMOUNT OF
PRODUCTION FROM WHICH
CONSUMPTIVE USE PORTIONS
WERE DERIVED

183.65 acre-feet

Exhibit "K"
K - 2

Exhibit "L"

LIST OF PRODUCERS AND THEIR DESIGNEES June, 1989

Producer Name	Designee	Producer Name	Designee
Adams Ranch Mutual Water Company	Goji Iwakiri	Champion Mutual Water Company	Margaret Bauwens
Alhambra, City of	T. E. Shollenberger	Chevron, USA, Inc.	Ms. Margo Bart
Amarillo Mutual Water Company	Ester Guadagnolo	Clayton Manufacturing Company	Don Jones
Anderson, Ray	Ray Anderson	Conrock Company	Gene R. Block
Andrade, Macario, et al.	Macario R. Andrade	Corcoran Brothers	Ray Corcoran
Arcadia, City of	Eldon Davidson	County Sanitation District No. 18	Charles W. Curry
AZ-Two, Inc.	R. S. Chamberlain	Covell, et al.	Darr Jobe
Azusa, City of	William H. Redday	Covell, Ralph	Ralph Covell
Azusa Ag. Water Company	Robert E. Talley	Covina, City of	Wayne B. Dowdley
Azusa Valley Water Company	Edward Heck	Covina Irrigating Company	William R. Temple
)		Crevolin, A. J.	A. J. Crevolin
Baldwin Park County Water District (See Valley County Water District)	-	Crown City Plating Company	N. G. Gardner
Banks, Gale C.	Gale C. Banks	Davidson Optronics, Inc.	James McBride
Base Line Water Company	Everett W. Hughes, Jr.	Dawes, Mary Kay	Mary Kay Dawes
Beverly Acres Mutual Water User's Assn. (Formerly Beverly Acres Mutual Water Co.)	Eloise A. Moore	Del Rio Mutual Water Company	Gonzalo Galindo
Burbank Development Company	Darrell A. Wright	Driftwood Dairy	James E. Dolan
Cadway, Inc.	P. Geoffrey Nunn	Dunning, George	George Dunning
California-American Water Company (San Marino System)	Andrew A. Krueger	East Pasadena Water Company	Robert D. Mraz
California Country Club	Andrew A. Krueger	El Monte, City of	Robert J. Pinniger
California Domestic Water Company	Henri F. Pellissier	El Monte Cemetery Association	Linn E. Magoffin
Cedar Avenue Mutual Water Company	P. Geoffrey Nunn	Faix, Ltd.	Henri F. Pellissier
)	Austin L. Knapp	Glendora, City of	Arthur E. Cook
California-American Water Company (Duarate System)	Dr. Walter Green	Green, Walter	Dr. Walter Green
California Domestic Water Company	Alice Hansen	Hansen, Alice	Alice Hansen

Exhibit "L"

Exhibit "L"

Exhibit "L"

Exhibit "L"

<u>Producer Name</u>	<u>Designee</u>	<u>Producer Name</u>	<u>Designee</u>
Hartley, David	David Hartley	Nick Tomovich	Nick Tomovich
Hemlock Mutual Water Company	Bud Selander	Owl Rock Products Company	Peter L. Chiu
Hunter, Lloyd F.	Lloyd F. Hunter		
Industry Waterworks System, City of	Mary L. Jaureguy	Phillips, Alice B., et al.	Jack F. Maechtlens
Kiyan Farm	Kiyan, Hideo	Pico County Water District	Robert P. Fuller
Kiyan, Hideo	Mrs. Hideo Kiyan	Polopulus, et al.	Christine Chronis
Kirklen Family Trust	Dawn Kirklen	Rados Brothers	Alexander S. Rados
Knight, Kathryn M.	William J. Knight	Richwood Mutual Water Company	Bonnie Pool
Landeros, John	John Landeros	Rincon Ditch Company	K. E. Nungesser
La Puente Valley County Water District	Mary L. Jaureguy	Rincon Irrigation Company	K. E. Nungesser
La Verne, City of	N. Kathleen Hamm	Rose Hills Memorial Park Association	Allan D. Smith
Livingston-Graham	Gary O. Tompkins	Rosemead Development, Ltd.	John W. Lloyd
Los Angeles, County of	Robert L. Larson	Rurban Homes Mutual Water Company	George W. Bucey
Loucks, David	David Loucks	Ruth, Roy	Roy Ruth
Maddock, A. G.	Maddock, A. G.	San Dimas - La Verne Recreational Facilities Authority	S. San Dimas - La Verne Recreational Facilities Authority
Maechtlens, Trust of J. J.	Jack F. Maechtlens	San Gabriel Country Club	Fran Wolfe
Maple Water Company, Inc.	Charles King	San Gabriel County Water District	Philip G. Crocker
Martinez, Francis Mercy	Francis Mercy Martinez	San Gabriel Valley Municipal Water District	Bob Stallings
Metropolitan Water District of Southern California	Fred Vendis, Esq.	San Gabriel Valley Water Company	Robert H. Nicholson, Jr.
Miller Brewing Company	Dennis B. Puffer	Sloan Ranches	Larry R. Sloan
Mnoian, Paul, et al.	Mal Gatherer	Sonoco Products Company	Elaine Corboy
Monrovia, City of	Robert K. Sandwick	South Covina Water Service	Anton C. Garnier
Monrovia Nursery	Miles R. Rosedale	Southern California Edison Company	S. R. Shermoen
Monterey Park, City of	Nels Palm		

Exhibit "L"
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Exhibit "L"

Producer Name Designee

Southern California Water Company
-San Dimas DistrictJ. F. Young
Southern California Water Company
-San Gabriel Valley DistrictJ. F. Young
South Pasadena, City ofJohn Bernardi
Southwestern Portland Cement CompanyDale W. Heineck
Standard Oil Company of CaliforniaJohn A. Wild
Sterling Mutual Water CompanyBennie L. Prowett
Suburban Water SystemsAnton C. Garnier
Sully-Miller Contracting CompanyR. R. Munro
Sunny Slope Water CompanyMichael J. Hart
Taylor Herb GardenPaul S. Taylor
E. O. WakefieldJames K. Mitsumori, Esq.
Texaco, Inc.Doyle H. Wadley
United Rock Products CorporationWilliam S. Capps, Esq.
Valencia Heights Water CompanyHerman Weekamp
Valley County Water District
(Formerly Baldwin Park County Water District)Stanley D. Yarbrough
Valley View Mutual Water CompanyRobert T. Navarre
Via, H., Trust ofMarverna Farton
Ward Duck CompanyRichard J. Woodland
White, June G., TrusteeThomas S. Bunn, Jr., Esq.
Whittier, City ofNeil Hudson
Erma M. Wilmott

Exhibit "M"

WATERMASTER MEMBERS

FOR CALENDAR YEAR 1973

ROBERT T. BALCH (Producer Member), Chairman
 LINN E. MAGOFFIN (Producer Member), Vice Chairman
 RICHARD L. ROWLAND (Producer Member), Secretary
 BOYD KERN (Public Member), Treasurer
 WALKER HANNON (Producer Member)
 HOWARD H. HAWKINS (Public Member)
 M. E. MOSLEY (Producer Member)
 CONRAD T. REIBOLD (Public Member)
 HARRY C. WILLIS (Producer Member)

STAFF

Carl Fossette, Assistant Secretary-Assistant Treasurer
 Ralph B. Helm, Attorney
 Thomas M. Stetson, Engineer

)

FOR CALENDAR YEAR 1974

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 LINN E. MAGOFFIN (Producer Member), Vice Chairman
 RICHARD L. ROWLAND (Producer Member), Secretary
 BOYD KERN (Public Member), Treasurer
 WALKER HANNON (Producer Member)
 BURTON E. JONES (Public Member)
 M. E. MOSLEY (Producer Member)
 CONRAD T. REIBOLD (Public Member)
 HARRY C. WILLIS (Producer Member)

STAFF

Carl Fossette, Assistant Secretary-Assistant Treasurer
 Ralph B. Helm, Attorney
 Thomas M. Stetson, Engineer

Exhibit "M"

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Exhibit "L"
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FOR CALENDAR YEAR 1975

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D. J. LAUGHLIN (Producer Member)
M. E. MOSLEY (Producer Member)
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M. E. MOSLEY (Producer Member)
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Thomas M. Stetson, Engineer

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FOR CALENDAR YEAR 1985

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Thomas M. Stetson, Engineer

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ROBERT T. BALCH (Producer Member)
GERALD J. BLACK (Producer Member)
DONALD F. CLARK (Public Member)
EDWARD R. HECK (Producer Member)
JOHN E. MAULDING (Public Member)

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Thomas M. Stetson, Engineer

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FOR CALENDAR YEAR 1988

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Thomas M. Stetson, Engineer

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FOR CALENDAR YEAR 1989

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ALFRED R. WITTIG (Public Member), Treasurer
ROBERT T. BALCH (Producer Member) *
DONALD F. CLARK (Public Member)
EDWARD R. HECK (Producer Member)
BURTON E. JONES (Public Member)
NELS PALM (Producer Member) **
THOMAS E. SCHOLLENBERGER (Producer Member)

STAFF

Robert G. Berlien, Assistant Secretary-Assistant Treasurer
Ralph B. Helm, Attorney
Thomas M. Stetson, Engineer

*)
* DECEASED APRIL 25, 1989
** Appointed August 24, 1989, for the balance of the calendar
year term, to replace deceased member, Robert T. Balch.

APPENDIX I

MAIN SAN GABRIEL BASIN WATERMASTER RULES AND REGULATIONS



Main San Gabriel Basin WATERMASTER

Rules and Regulations

Upper San Gabriel Valley Municipal Water District v. City of Alhambra, et al.
Case No. 924128 -- Superior Court of Los Angeles County

As amended December 7, 2005 and June 6, 2007
Resolutions 12-05-201 and 6-07-213

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1 RULES AND REGULATIONS OF
2 MAIN SAN GABRIEL BASIN WATERMASTER
3 (As Revised, Amended, and Readopted by Resolution No.12-05-201, adopted
4 December 7, 2005, and Resolution No. 6-07-213, adopted June 6, 2007.)

5 The definitions set forth in the Judgment in Los Angeles County Superior Court
6 Civil Action No. 924128, entitled, "Upper San Gabriel Valley Municipal Water District
7 v. City Alhambra. et al," as amended (Judgment herein), as well as additional
8 definitions relating specifically to Section 28 of these Rules and Regulations, are used
9 herein with the same meanings and are listed in Appendix "A" hereto.
10 1. Offices and Records. Watermaster's records shall be
11 maintained at its offices, currently located at:
12 725 North Azusa Avenue
13 Azusa, California 91702
14 Telephone (626) 815-1300
15 Fax (626) 815-1303
16 Said records shall be available for inspection by any Party during regular
17 business hours. Copies of said records may be had upon payment of the costs of the
18 duplication thereof and of any preparation costs pertaining thereto.
19 2. Watermaster Meetings and Holidays. Regular meetings of Watermaster
20 shall be held at 3:00 p.m. on the first Wednesday of each and every month in the
21 conference room of the City of Azusa Light and Water Administration Facility, 729
22 North Azusa Avenue, Azusa, California 91072, or at such time and place as otherwise
23 determined by Watermaster.
24 (a) Holidays. The following holidays shall be observed by
25 Watermaster:

- 1 - January 1 (New Year's Day);
2 - The third Monday in January (Martin Luther King's Birthday);
3 - The third Monday in February (Presidents' Day);
4 - The last Monday in May (Memorial Day);
5 - July 4 (Independence Day);
6 - The first Monday in September (Labor Day);
7 - The second Monday in October (Columbus Day);
8 - November 11 (Veterans' Day);
9 -The fourth Thursday and the following Friday in November
10 (Thanksgiving);
11 - December 25 (Christmas Day);
12 - Each employee's individual birthday, to be taken as a holiday
13 during the month of such birthday as approved by the Executive Officer;
14 and one floating holiday each year, to be designated by the Executive
15 Officer.
16 (1) If January 1, July 4, November 11, or December
17 25 falls on a Sunday, the Monday following shall be that holiday
18 and if any of said dates fall on a Saturday, the preceding Friday
19 shall be that holiday.
20 (2) When any regular meeting of Watermaster shall
21 fall on a hereinabove designated Watermaster holiday (excepting
22 employees' birthdays and said floating holiday), said regular
23 meeting shall be held on the next succeeding regular business day
24 at the same time and at the same place as the said regularly
25 scheduled meeting, unless otherwise determined by Watermaster.
26

(b) Meeting Changes. Any changes in the time or place of said regular meeting shall be in compliance with the Judgment.

(c) Special Meetings. Special meetings of Watermaster may be called at any time by the Chairman or Vice-Chairman or by any three (3) members of Watermaster, by written notice in compliance with the Judgment. The calling notice shall specify the time and place of the special meeting and the business to be transacted. No other business shall be considered at such meetings.

(d) Adjournment. Any meeting of Watermaster may be adjourned to a time and place specified in the Order of Adjournment. Less than a quorum of Watermaster, Watermaster's Secretary, or the Executive Officer may so adjourn from time to time. A copy of the Order or Notice of Adjournment shall be conspicuously posted on or near the door of the place where the meeting was held or to be held, within twenty-four (24) hours after the adoption of the Order of Adjournment.

3. Quorum of Watermaster, Necessary Votes for Action and Roll Call of Votes. Five (5) members of Watermaster shall constitute a quorum for the transaction of its affairs. Action by the affirmative vote of five (5) members shall constitute action by the Watermaster, except that the affirmative vote of six (6) members shall be required: (a) to enter into any Cyclic Storage Agreement; or (b) to approve the purchase, spreading or injection of Supplemental Water for Ground Water recharge.

Any member of Watermaster may request a roll call vote on any question or motion considered and the ayes and noes thereon shall be recorded in the minutes of the meeting.

4. Agenda of Watermaster Meetings. Any person requesting that a matter be considered by Watermaster for action thereon shall request the same in writing

directed to Watermaster's Executive Officer for inclusion on the Agenda of the next scheduled meeting to be held at least ten (10) days after receipt of said request.

5. Conduct of Meetings -- Roberts' Rules of Order. For the conduct of Watermaster meetings, Roberts' Rules of Order shall be followed and, without consent of Watermaster, the priorities of Watermaster business shall be that stated in the Agenda for a particular meeting.

6. Organization of Watermaster. At its first meeting each year, Watermaster shall elect a Chairman and Vice Chairman from its membership. It shall also select a Secretary and a Treasurer and may select such assistants as may be appropriate, any of whom may, but need not be, members of Watermaster.

7. Minutes. Minutes of all Watermaster meetings shall be kept, which shall reflect all actions taken. Draft copies thereof shall be furnished to any Party who files a request therefor in writing with Watermaster. Said draft copies of minutes shall constitute notice of any Watermaster action therein reported and failure of a Party herein to request copies thereof shall constitute his waiver of notice.

8. Designee to Receive Future Notices. Each Party who has not heretofore made a designation of the name and address of the person who shall receive service upon and delivery to Parties of various papers shall file with the Court, with proof of service of a copy thereof upon Watermaster, a written designation of the person to whom and the address at which all future notices, determinations, requests, demands, objections, reports and other papers and processes to be served upon that Party or delivered to the Party are to be so served or delivered.

served in the same manner by any Party shall be effective from the date of filing as to any future notices, determinations, requests, demands, objections, reports and other papers and processes to be served upon or delivered to that Party.

(b) Service upon Designee. Delivery to or service upon any Party by Watermaster, by any other Party, or by the Court, of any item required to be served upon or delivered to a Party under or pursuant to the Judgment herein may be by deposit in the mail, first class, postage prepaid, addressed to the latest Designee of the Party to be served and at the address of said latest designation filed by that Party.

(c) List of Designees. Watermaster shall maintain a current list of Party Designees to receive notices under the Judgment.

9. Election of Producer Representatives.

(a) Notice of Nomination Election. Watermaster shall annually give thirty (30) days notice to all Parties that an election shall be held at Watermaster's regularly scheduled meeting in November of each year, for the purpose of nominating Producer representatives to Watermaster.

(b) Voting. Nominations of six (6) Producer representatives shall be by cumulative voting in person or by proxy, with each Producer entitled to one vote for each one hundred (100) acre-feet, or portion thereof, owned by him,

(1) vote for each one hundred (100) acre-feet, or portion thereof, owned by him, of Base Annual Diversion Right, Prescriptive Pumping Right or Integrated Production Right, as defined in the Judgment. When the names placed in nomination exceed the number of representatives to be elected, votes shall be cast by ballot using official ballot forms provided by Watermaster. Each ballot form must list the Producer and Designee or proxy holder casting the vote, the Producer's voting entitlement, the names of the nominees for whom the votes have been cast, and the number of votes cast for each nominee.

(c) Conduct of Elections. Prior to the nomination of Producer representatives, the Chairman shall appoint tellers to conduct the election. Such tellers may include any member of Watermaster staff to monitor the canvassing

and counting of votes. The tellers shall distribute the ballots, and, at the conclusion of the balloting, collect the ballots, retire to tabulate the votes, and promptly report the results of the election to the Parties present at the election.

(1) In the event there is a challenge to the declared election results, the Chairman shall appoint three (3) Producer Parties as election inspectors who shall recount the election ballots and immediately certify the results of such election to Watermaster and others present at the election.

(2) All ballots shall be considered confidential, and no ballot or information thereon shall be disclosed except to the appointed tellers and election inspectors, without the express permission of the Producer casting the ballot.

10. Vacancy on Watermaster and Replacement. In the event of a vacancy on Watermaster, a successor shall be nominated at a special meeting of Watermaster and Producers to be called by Watermaster within ninety (90) days in the case of a Producer representative or by the action of the appropriate District Board of Directors in the case of a Public Representative. Subject to approval and appointment by the Court, such successor Watermaster shall fill the unexpired term of the Watermaster member replaced.

11. Watermaster Action Subject to Court Review. Any action, decision, rule or procedure of Watermaster shall be subject to review by the Court on its own motion or on timely petition or motion for an Order to Show Cause by any Party, as follows:

(a) Effective Date of Watermaster Action. Any order, decision or action of Watermaster shall be deemed to have occurred on the date that written notice thereof is mailed. Mailing of draft copies of Watermaster minutes which contain such order, decision, action, or contemplated action, to the Parties

requesting the same shall constitute such notice to all Parties, as of the date of
such mailing.

(b) Notice of Motion. Any Party may, by a regularly noticed motion,
petition the Court for a review of any Watermaster action or decision. Notice of
such motion shall be mailed to Watermaster and to the Designees of all Parties.
Unless ordered by the Court, such petition shall not operate to stay the effect of
such Watermaster action.

(c) Time for Motion. Within thirty (30) days of mailing of Notice of
Watermaster Determination of Operating Safe Yield together with a statement
of each Producer's entitlement thereunder, any affected Party may, by a
regularly noticed motion, Petition the Court for an Order to Show Cause for
review of said Watermaster findings, determination or entitlement and
thereupon the Court shall hear Objections thereto and settle such dispute.
Notice of motion to review any other Watermaster action or decision
shall be served and filed within ninety (90) days after such Watermaster action
or decision.

(d) De Novo Nature of Proceedings. Upon filing of such motion for
hearing, the Court shall notify the Parties of the date for taking evidence and
argument, and shall review *de novo* the question at issue on the date designated.
The Watermaster decision or action shall have no evidentiary weight in such
proceedings.

(e) Decision. The decision of the Court in such proceedings shall be
an appealable Supplemental Order in this case. When the same is final, it shall
be binding upon the Watermaster and the Parties.

12. Water Measuring Devices and Meter Test Program. Parties producing in
excess of five (5) acre-feet per year shall, pursuant to these uniform rules, install and

1 maintain in good operating condition, at the cost of each such Party, such necessary
2 water measuring devices or meters as may be appropriate. Any such measuring device
3 is subject to such inspection and testing as Watermaster may, from time to time, deem
4 necessary. Upon testing, the meters shall be sealed by Watermaster and remain so
5 sealed. Watermaster will conduct a formal meter-testing program to help the Parties
6 accurately report their production. Watermaster intends to test every meter under its
7 jurisdiction at least once every two (2) years.

8 (a) Tests of Meters Which Supply Watermaster. At least once every
9 two (2) years, Watermaster shall request certified meter tests of all meters of
10 Responsible Agencies through which Supplemental Water is furnished to
11 Watermaster and of the meters which measure all Cyclic Storage deliveries
12 authorized by Watermaster.

13 (b) Wells. Water wells shall be equipped with a positive
14 displacement, velocity impeller, venturi, orifice-type or electromagnetic flow
15 meter with a totalizer. The totalizer on positive displacement, velocity impeller,
16 venturi and orifice-type meters shall be correctable only by changing
17 mechanical gear equipment. Producers using electromagnetic flow meters shall
18 ensure that electronic access to meter data is user-defined and password-
19 protected to prevent unauthorized resetting of the totalizer. Additionally, all
20 wells equipped with electromagnetic flow meters shall also have a run-hour
21 meter installed to provide verification of production in the event the totalizer is
22 inappropriately or accidentally reset or its accuracy is otherwise disputed. The
23 meter shall be accessible and installed according to good design practices.
24 Watermaster personnel shall assist any Party having any question as to
25 installation requirements.

26

(c) Calibrated Test Equipment. Watermaster or its approved meter tester will maintain a complete line of carefully calibrated test equipment. This equipment is the standard with which all water meters must be compared. The tolerance for each meter is plus (+) or minus (-) five percent (5%) of the standard. Watermaster may require any Producer with multiple wells and meters to maintain an aggregate accuracy of plus (+) or minus (-) two percent (2%).

(d) Repair or Replacement of Inaccurate Meters. Defective or inaccurate meters must be repaired within thirty (30) days of receipt of notice thereof from Watermaster.

(e) Surface Diversions. Surface Water Diversions shall be measured with a weir and recorder or meter capable of accurately measuring and recording such Diversions.

(f) Interim Meter Tests. Should a Producer discover that the meter which measures the water Production from his well is measuring inaccurately, he shall first notify Watermaster thereof, have the meter retested and, if measuring inaccurately, then have the same repaired at the earliest practical and reasonable time. Upon the completion of such repair, such Producer shall immediately have such meter tested and sealed by Watermaster and it shall remain so sealed. Such testing and sealing will be accomplished by Watermaster upon request therefor by said Producer or said repaired meter may be tested and sealed by any meter tester authorized by Watermaster, as provided in Subsection (g) of this Section 12. Results of such meter tests shall be furnished to Watermaster within ten (10) days of testing, on forms provided by Watermaster.

(g) Watermaster Approved Meter Testers. Persons, firms or corporations in the business of repairing and/or testing water measuring devices

may be approved by Watermaster to test and seal meters on behalf of Watermaster by submitting their qualifications therefor to Watermaster and obtaining Watermaster's approval to perform meter tests and seal such meters as agents of Watermaster. The name, address and telephone number of all such Watermaster approved meter testers shall be maintained at and be available from the office of Watermaster.

(h) Meter Seal by Watermaster and Notification of Meter Maintenance. At the completion of all meter tests Watermaster's seal shall be placed on the meter, if the meter test demonstrates that the meter is within the accuracy standard of five percent (5%).

Such sealing then requires that Watermaster be notified in writing within seven (7) days if Watermaster's seal has been broken or if any of the following events occur: (a) the meter is to be repaired or recalibrated; (b) there is any other interference affecting the meter or Watermaster's seal; (c) the meter is to be relocated even if Watermaster's seal is still intact; or (d) a new meter is to be installed.

(i) Estimation of Production Due to Meter Maintenance. When a Producer must estimate Production due to meter maintenance, he shall consult with Watermaster or its engineer for approval of the method of estimation. A copy of the estimate calculations shall be supplied to Watermaster with the corresponding Quarterly Production Report.

13. Reports of Producers to Watermaster. Each Producer with an adjudicated right in excess of five (5) acre-feet per year and each Producer with an Overlying Right in any amount shall file with Watermaster a quarterly report of water produced from the Basin or Relevant Watershed, on forms provided by Watermaster. Producers using electromagnetic flow meters shall report run hours in addition to

1 totalizer readings. Quarterly Production Reports shall be so filed no later than the last
2 day of the month next succeeding the end of the relevant quarter, i.e. April 30, July 31,
3 October 31 and January 31.

4 (a) Adjudicated Right in Excess of Five (5) Acre-Feet Not to be
5 Reduced to Minimal Producer by Transfer. Any portion of: (1) the Base Annual
6 Diversion Right of a Diverter; (2) the Prescriptive Pumping Right of a Pumper;
7 or (3) the Diversion Component and Prescriptive Pumping Component of an
8 Integrated Producer, adjudicated in any amount in excess of five (5) acre-feet
9 per year [at the time that Judgment herein was entered, January 4, 1973], that is
10 or may be reduced to five (5) acre-feet or less by assignment or transfer of
11 rights, as permitted by Section 55 of the Judgment, shall not enjoy the status of a
12 Minimal Producer as defined in Section 10 (o) of the Judgment.

13 (b) Notice to Watermaster of Transfers of Water Rights. Within
14 fifteen (15) days thereof all Parties shall notify Watermaster of any transfer,
15 assignment, license or lease of any water right, or portion thereof, not shown in
16 the Judgment or previously filed with Watermaster and such transferee must be
17 or become a Party to the action (as provided in Section 57 of the Judgment). All
18 Parties are required to notify Watermaster of any subsequent assignment,
19 transfer, license or lease of water rights granted or acquired by them and they
20 shall file a duly acknowledged copy of the document(s) therefor with
21 Watermaster, within fifteen (15) days after execution and acknowledgement of
22 such document(s).

23 For such assignment, transfer, license or lease of water rights to
24 be effective for, or be deemed by Watermaster to apply to, Production in a
25 particular Fiscal Year (July 1 - June 30), the document(s) therefor shall be
26 executed and acknowledged prior to the end of said Fiscal Year (June 30) and

1 copies thereof showing such acknowledgement must be received by
2 Watermaster prior to July 15, following the end of said particular Fiscal Year.
3 The transferee must be, or petition to become, a Party to the action within ninety
4 (90) days following such assignment, transfer, license or lease of water rights.
5 When the term of a temporary assignment, transfer, license or
6 lease of water rights extends beyond the end of the current Fiscal Year, it shall
7 be the obligation of the transferee thereof to annually, during the month of July
8 of each Fiscal Year during said term, notify Watermaster of said transferee's
9 intention to exercise said water right during the then current applicable Fiscal
10 Year.
11 (c) Conveyance of Water Right with Conveyance of Property.
12 Parties are advised that when a water right owner conveys the property where a
13 water right was developed, the said water right shall not be conveyed with such
14 property unless and until the appropriate notice procedures established by
15 Watermaster have been complied with. When it is intended to transfer or acquire
16 adjudicated water rights in the Basin or Relevant Watershed, the Parties thereto
17 are advised to use the appropriate forms contained in exhibits to these Rules and
18 Regulations and to notify Watermaster of such transfers by furnishing a copy of
19 such transfer documents(s) within fifteen (15) days of execution and
20 acknowledgement thereof.
21 (d) Conveyance of Water Right without Conveyance of Property.
22 Parties are also advised that the owner of an adjudicated water right herein
23 (except an Overlying Right) may transfer the same (temporarily or permanently)
24 without conveyance of the property where the water right was developed.
25 (e) Transfer of Overlying Right. The transfer and use of Overlying
26 Rights shall be limited (as provided in Section 21 of the Judgment) as

1 exercisable only on specifically defined Overlying Lands and they cannot be
2 separately conveyed or transferred apart therefrom.

3 (f) Intervention Stipulation Required. No conveyance of water rights
4 to a person who is not a Party to the subject action shall be recognized by
5 Watermaster unless the transferee thereof files with Watermaster a Stipulation in
6 Intervention to the subject action (Exhibit "E") agreeing to be bound by the
7 Judgment herein, and until the Court approves said Stipulation and Intervention.

8 (g) Notice Required. Any transfer of water rights shall be effective
9 only when the requirements of this Section 13 are met and when the Parties file
10 with Watermaster, within fifteen (15) days of such transfer, a copy of the
11 transfer document(s) which:

12 (1) Identifies both the transferee(s) and the transferor(s);
13 (2) Accurately recites the total quantity (in acre-feet) of water
14 rights transferred;

15 (3) Is executed by both the transferee(s) and the transferor(s);
16 (4) Is acknowledged by both transferee(s) and transferor(s) in
17 a form sufficient for recordation;

18 (5) Lists the Designee(s) of both the transferor(s) and
19 transferee(s) to receive future service and notice of papers and process;
20 and
21 (6) Is accompanied by a map of the service area where the
22 water was used by transferor(s) (assignors) and a map of the service area
23 where the water is intended to be used by the transferee(s) (assignees), if
24 requested by Watermaster.

25 (h) Approved Forms of Transfer Documents and Other Forms.
26 Approved forms of such transfer documents and other approved Watermaster

1 forms are attached hereto, marked and identified as follows:

2	Permanent Transfer of Water Rights--Prescriptive 3	Exhibit "A"	Permanent Transfer of Water Rights--Base 4	Exhibit "B"	Permanent Transfer of Water Rights--Base 5	Exhibit "C"	Annual Diversion Right 6	Exhibit "D"	Temporary Assignment or Lease of Water Right 7	Exhibit "E"	Stipulation Re Intervention After Judgment 8	Exhibit "F"	Designee to Receive Future Notices for and on 9	Exhibit "G"	Notice of Transfer of Overlying Rights With 10 Property to Which They are Appurtenant. 11	Exhibit "H"	Application To Drill Water Well 12	Exhibit "I"	Application To Modify Existing Water Well 13	Exhibit "J"	Application To Destroy Water Well 14	Exhibit "K"	Application For Water Treatment Facility 15	Exhibit "L"	Presumption as to Unexercised Rights. Unless otherwise noted 16	on the above mentioned transfer document(s), it will be presumed by 17 Watermaster that the permanent transfer of water rights will include all 18 unexercised rights thereunder, including authorized carry-over of unused rights. 19	14.	<u>Operating Safe Yield.</u> Watermaster shall annually determine the 20 Operating Safe Yield applicable to the succeeding Fiscal Year and estimate the same for 21 the next succeeding four (4) Fiscal Years. Said determination shall be made at the close 22 of the hearing thereon, which shall be commenced at Watermaster's regular meeting in 23 May of each year. Watermaster shall notify each Pumper and Integrated Producer of his 24
25	(h) <u>Approved Forms of Transfer Documents and Other Forms.</u> 26 Approved forms of such transfer documents and other approved Watermaster																											

1 share thereof, stated in acre-feet per Fiscal Year. Thereafter, no Party may produce in
2 any Fiscal Year any Consumptive Use Portion of any Overlying Right, or an amount in
3 excess of the sum of his Diversion Right, if any, plus his Pumpers Share of such
4 Operating Safe Yield, or his Integrated Production Right, or the terms of any Cyclic
5 Storage Agreement, without being subject to Assessment for the purpose of purchasing
6 Replacement Water. The rate of such Assessment shall be established at the same
7 meeting at which the Operating Safe Yield is established, and it may be estimated for
8 the years for which Operating Safe Yield is estimated. In establishing the Operating
9 Safe Yield, the Watermaster shall follow all physical, economic, and other relevant
10 parameters provided in the Judgment herein. Said determination shall be made in
11 accordance with the following:
12 (a) Preliminary Determination. At Watermaster's regular meeting in
13 April of each year, Watermaster shall make a Preliminary Determination of the
14 Operating Safe Yield of the Basin for each of the succeeding five (5) Fiscal
15 Years. Said determination shall be made in the form of a report containing a
16 summary statement of the considerations, calculations and factors utilized by
17 Watermaster in arriving at the said Operating Safe Yield.
18 (b) Notice of Hearing. A copy of said Preliminary Determination
19 Report shall be mailed to all Parties at least ten (10) days prior to a hearing
20 thereon to be commenced at Watermaster's regular meeting in May of each year,
21 at which time objections or suggested corrections or modifications of said
22 determination shall be considered.
23 (c) Watermaster Final Determination and Review Thereof. Within
24 thirty (30) days after completion of said hearing, Watermaster shall mail to each
25 Pumper, Diverter, Overlying User and Integrated Producer a Final Report and
26 Determination of said Operating Safe Yield for each such Fiscal Year, together

1 with a statement of the Producer's entitlement in each such Fiscal Year stated in
2 acre-feet. Any affected Party, within thirty (30) days of mailing of notice of said
3 Watermaster determination, may petition the Court for an Order to Show Cause
4 for Review of said determination in accordance with Section 11 hereof.
5 15. Carry-over Rights.
6 (a) Pumping. Any Pumpers Share of Operating Safe Yield, and the
7 Production right of any Integrated Producer which is not Produced in a given
8 year may be carried over and accumulated for one (1) year.
9 (b) Diversions. Diversers shall be entitled to Divert for direct use up
10 to two hundred percent (200%) of their Base Annual Diversion Right in any
11 Fiscal Year, provided that the aggregate quantities of water Diverted in any
12 consecutive ten (10) Fiscal Year period shall not exceed ten (10) times such
13 Diverter's Base Annual Diversion Right.
14 (c) Overlying Rights. By definition, there is no carry-over of
15 Overlying Rights.
16 (d) Presumption as to Carry-over Rights. The first water Produced in
17 the succeeding Fiscal Year shall be deemed Produced pursuant to such
18 Producer's Carry-over Rights.
19 16. Special Hearings. Watermaster shall conduct such special hearings as
20 deemed appropriate upon thirty (30) days notice to the Parties hereto.
21 17. Policy Decisions. No policy decision shall be made by Watermaster until
22 its next regular meeting after the question involved has been raised for discussion at a
23 Watermaster meeting and noted in the draft of minutes thereof.
24 18. Assessments. Watermaster may levy and collect Assessments from the
25 Producer Parties based upon Production during the preceding Fiscal Year. Said
26 Assessments may be for one or more of the following purposes:

(a) Administration Costs. At its regular May meeting Watermaster shall adopt a proposed budget for the succeeding Fiscal Year and within fifteen (15) days shall mail a copy thereof to each Party, together with a statement of the level of Administration Assessment levied by Watermaster and which will be collected for purposes of raising funds for said budget. Said Assessments shall be uniformly applicable to each acre-foot of Production.

be collected from each Producer on account of such Party's Production in excess of its Diversion Rights, Pumpers' Share or Integrated Production Right, and on account of the consumptive use portion of Overlying Rights, computed at the applicable rates established by Watermaster, consistent with Watermaster's Operating Criteria (Exhibit "H" to the Judgment).

Operating Criteria (Exhibit "H" to the Judgment).

(c) Make-up Obligation. An Assessment shall be levied and collected equally on account of each acre-foot of Production, which does not bear a Replacement Water Assessment hereunder, to pay all necessary costs of administration and satisfaction of the Make-up Obligation. Such Assessment shall not be applicable to water Production of an Overlying Right.

(d) In-Lieu Water Cost. An Assessment may be levied against all Pumping to pay reimbursement for In-Lieu Water Cost except that such Assessments shall not be applicable to the non-consumptive use portion of

(e) Waivers Possible for Water Quality Improvement or Protection.
In accordance with Section 45 (e) of the Judgment, a Producer of water from the Basin for the purpose of testing, protecting, or improving water quality, may apply in writing by verified petition or application (hereinafter "Application") to the Watermaster, for approval of such water Production free of all or any part of

Watermaster Assessments thereon, and for waiver of one or more of the provisions of Sections 25, 26, and 57 of said Judgment, where appropriate, upon terms and conditions to be established by Watermaster after a noticed hearing on such Application.

A waiver of Assessment shall not be granted for the purpose of removal of contamination or improvement of the quality of Basin water which has, or could have, resulted from the activity of the Applicant for such waiver.

In the event cleanup or reagent racutines are instigated in the Basin by or for the benefit of a Producer, and the Basin water receiving treatment from said Treatment Facilities is subsequently delivered by or used for beneficial purposes of such Producer, the Production of such water shall not be entitled to waiver or modification of Watermaster Assessments thereon.

Notwithstanding the above, if Basin water is treated and immediately percolated or reintroduced to the Basin by way of spreading, injection, or otherwise, for purposes of this Section 18 (e), its Production may, upon Watermaster's approval of an Application to waive or modify its Assessments on the same, be entitled thereto. In any event, such water shall only be percolated or reintroduced to the Basin with the consent of Watermaster and said water shall be of a quality acceptable to Watermaster.

Although all Production from the Basin must be reported to Watermaster on a timely basis in accordance with these Rules and Regulations, Production which is granted a waiver of Assessment hereunder may, by reason of certain circumstances as specifically determined by Watermaster, be deemed an unused right and entitled to carry-over, in accordance with Section 49 of the Judgment.

(f) Application for Waiver of Assessment. An Application for Waiver of Assessment, as above set forth, shall contain all relevant information

1 relied upon by Applicant which he believes justifies the granting of said
2 Application. All such Applications shall explain the special needs and
3 circumstances for such Production and specify the approximate amounts to be
4 Produced, the time frame of such Production, the specific location(s) of the
5 point(s) of extraction(s), and the place of intended disposal of such water, as
6 well as any supplemental or additional information requested by Watermaster.
7 All such extractions shall be metered and reported quarterly to Watermaster,
8 along with all other Basin Production, in accordance with these Rules and
9 Regulations.

10 Should an Application contain incomplete information or should
11 Watermaster desire additional, other, or further information in relation thereto,
12 the same shall also be furnished and verified by Applicant.

13 (g) Hearing and Effective Date. Within thirty (30) days of the filing
14 of any such Watermaster accepted Application, Watermaster shall give at least
15 thirty (30) days notice to the Designees of all Parties that it will hold a hearing
16 on said Application. Watermaster may, after the conclusion of said hearing,
17 under then existing conditions, waive all or any part of its Assessments on such
18 Production, such waiver shall not be effective prior to the date of the filing of
19 said accepted Application, and may also waive the provisions of Sections 25,
20 26, and 57 of the Judgment herein.

21 The effective date for the granting of an Application to waive or
22 modify Watermaster Assessments shall be no later than ten (10) days after
23 approval thereof by Watermaster and it shall continue for the period of time
24 specified therein, unless sooner terminated or extended by Watermaster.
25 Nothing herein is intended to allow an increase in any Producer's annual
26 entitlement under the Judgment.

1 19. Levy, Notice and Adjustment of Assessments. At its regular May
2 meeting Watermaster shall also fix the rate(s) of or levy applicable Administration
3 Assessments, Replacement Water Assessments, Make-up Obligation Assessments, and
4 In-Lieu Water Cost Assessments, if any. Watermaster shall give written notice of all
5 applicable Assessments to each Party on or before August 15 of each year.
6 (a) Payment. All Watermaster Assessments shall be due and payable
7 on or before September 20, following such Assessment levy or Assessment rate
8 fixing, subject to the rights reserved in Section 37 of the Judgment, and such
9 Assessment shall be paid or become delinquent after September 20.
10 (b) Delinquency. Any Assessment payment which becomes
11 delinquent shall bear interest at the annual prime interest rate in effect on the
12 first business day of August of each year, plus one percent (1%). Said prime
13 interest rates shall be that fixed by the Bank of America NT&SA for its
14 preferred borrowing on said date. Said prime interest rate plus one percent (1%)
15 shall be applicable to any said delinquent Assessment payment from the due
16 date thereof until paid, provided, however, in no event shall any said delinquent
17 Assessment bear interest at a rate of less than ten percent (10%) per annum.
18 Such delinquent Assessment and said interest thereon may be collected in a
19 Show Cause proceeding in the subject action or in any other legal proceeding
20 instituted by Watermaster, and in such proceeding the Court may allow
21 Watermaster its reasonable costs of collection, including attorney's fees.
22 (c) Adjustments. By reason of Watermaster's inability to control the
23 direct costs and other charges incurred for Supplemental Water obtained from
24 Responsible Agencies, it may be necessary from time to time for Watermaster to
25 adjust the foregoing Assessments. Such Assessments may only be adjusted after
26

1 giving at least 15 days Notice to all Parties of the meeting at which such
2 adjustments will be considered by Watermaster.
3 20. Responsibility for Watermaster Assessments. Parties Producing water
4 from the Relevant Watershed shall be responsible for Watermaster Assessments levied
5 upon all Production.

6 21. Over and/or Under Reporting.

7 (a) Over Reporting. Watermaster shall make refunds, in whole or in
8 part, of Assessments theretofore paid, to any Producer who has erroneously
9 overstated his Production in any sworn statement for a quarterly period required
10 hereunder and who has overpaid any Assessment for that quarter, but only upon
11 compliance by the Producer with the procedure hereinafter set forth and within
12 the time hereinafter provided.

13 Any such Producer, within one (1) year of the last day for filing
14 of the said sworn statement for the quarterly period in question, may file a
15 verified application with Watermaster requesting a refund of that portion of any
16 Assessment claimed to have been paid by reason of that Producer's erroneous
17 overstatement of Production. If incomplete information is contained in said
18 application, or if Watermaster desires other, further, or additional information
19 than that set forth in said application, the same shall also be furnished by a
20 verified statement mailed to Watermaster on behalf of Applicant within thirty
21 (30) days of the mailing of the written notice or request therefor from
22 Watermaster to the Producer's Designee, at his address as shown by
23 Watermaster records, or the application shall be deemed abandoned. Such
24 request by Watermaster shall not cause any application otherwise timely filed to
25 be considered as not filed within said one (1) year period. The Watermaster may
26 pay any refund claimed without a hearing thereon, but no application shall be

1 denied, in whole or in part, without a hearing being accorded to the Applicant,
2 in which said hearing the Applicant shall have the burden of proof. Any
3 determination by Watermaster on any matter in connection with said application
4 shall be final and conclusive upon the said Producer.

5 Any refund authorized to be paid under the provisions of this
6 Section may be paid only out of moneys realized from the appropriate
7 Watermaster Assessment levied or thereafter raised. Under election of the
8 Producer, any refund determined by Watermaster to be owing may be credited
9 to the Producer against any subsequent Assessments which might become due
10 and owing from him to Watermaster. No refunds shall be made except as
11 authorized by this section and this section may not apply to over reporting
12 unless there has been compliance with the provisions of Section 12 hereof.

13 (b) Under Reporting. If Watermaster shall have probable cause to
14 believe that the Production of water from any water Producing facility is in
15 excess of that disclosed by the sworn statements covering such water Producing
16 facility, Watermaster may cause an investigation and report to be made
17 concerning the same. Watermaster may fix the amount of water Production from
18 such facility at an amount not to exceed the maximum Production capacity
19 thereof, provided, however, where a Watermaster tested water measuring device
20 is permanently attached to such facility, the record of Production as so disclosed
21 by such measuring device shall be presumed to be accurate and the burden of
22 proof shall be upon Watermaster to establish the contrary.

23 A determination by Watermaster that a Producer has under
24 reported Production shall require Watermaster to give written notice thereof to
25 such Producer by mailing such notice to his Designee, at the address shown by
26 Watermaster records. A determination of under reporting made by Watermaster

shall be conclusive on any Producer who has Produced water from the facility in question and the Watermaster Assessments based thereon, together with interest as set forth in Section 19 (b) hereof, shall be payable forthwith, unless such Producer shall file with Watermaster within ten (10) days after the mailing of such notice, a written protest setting forth the ground or grounds for protesting the amount of Production so fixed or the Assessments and interest thereon.

Upon the filing of such protest, Watermaster shall hold a hearing at which time the total amount of water Production and the Assessments and interest thereon shall be determined, which action shall be conclusive if based upon substantial evidence. A notice of such hearing shall be mailed to protestant at least ten (10) days before the date fixed for the hearing. Notice of the determination by the Watermaster at the close of such hearing shall be mailed to the protestant. The Producer shall have twenty (20) days from the date of mailing of such notice to pay the Assessments fixed by Watermaster and interest thereon, as fixed herein, before the same becomes delinquent.

(c) Delinquent Assessments; Interest; Costs; and Attorney's Fees.

Watermaster may bring suit in the Court having jurisdiction against any Producer of water from the Basin or Relevant Watershed for the collection of any delinquent Assessment and interest thereon. The Court having jurisdiction of the suit may, in addition to any delinquent Assessment, award interest and reasonable costs, including attorney's fees.

22. Information Concerning Offers to Purchase, Sell or Lease Water Rights.

Watermaster shall maintain a record of any offer to purchase, sell or lease water rights reported to Watermaster, for the purpose of encouraging the orderly transfer of such rights by acting as a clearing house for such information. Any person desiring to purchase, sell, or lease such rights may examine such Watermaster records.

23. Watermaster Control of Spreading and Ground Water Storage. Except
1 for the exercise of non-consumptive uses, no Party shall spread water within the Basin
2 or Relevant Watershed for subsequent recovery or Watermaster credit without prior
3 Watermaster written permission to do so because Watermaster has sole custody and
4 control of all Ground Water storage rights in the Basin.

5

6 (a) Replacement Water and Cyclic Storage Deliveries. Deliveries of
7 water for replenishment or cyclic storage shall be made either pursuant to
8 Watermaster's duly authorized order for Replacement Water or in accordance
9 with terms and conditions of a valid Cyclic Storage Agreement with
10 Watermaster. All such water deliveries shall be subject to the conditions and
11 priorities set forth in Section 26 herein.

12 (b) Supplemental Water Quality. In an effort to prevent degradation
13 of Basin groundwater quality, and in accordance with Section 40 of the
14 Judgment, Watermaster may establish criteria for the quality of Supplemental
15 Water delivered for Basin replenishment or Cyclic Storage. Such criteria shall
16 consider applicable Basin Plan objectives as set forth by the California Regional
17 Water Quality Control Board - Los Angeles Region, but shall also balance the
18 need to maintain adequate water supplies with the need to preserve Basin water
19 quality.

20 Watermaster may review and update its Criteria for Supplemental
21 Water Quality as needed to address changes in regulations or hydrologic
22 conditions. Watermaster shall provide the Responsible Agencies with at least
23 30 days notice of its intent to adopt or modify such criteria, along with the
24 proposed draft or changes, and shall consider comments from those agencies
25 prior to adoption. Watermaster shall also provide the Responsible Agencies
26 with the final, adopted Criteria for Supplemental Water Quality.

1 24. Watermaster Annual Report. Watermaster shall annually file with the
2 Court and mail to the Parties a report of all Watermaster activities during the preceding
3 Fiscal Year, including an audited statement of all accounts and financial activities of
4 Watermaster, summaries of Diversions and Pumping, and all other pertinent
5 information. To the extent practical, said report shall be mailed to all Parties and filed
6 with the Court on or before November 1 of each Year.

7 25. Watermaster Stipulation Re Intervention After Judgment. Attached
8 hereto and marked "Exhibit E" is a form of Stipulation for Intervention After Judgment
9 which Watermaster will execute, file with the Court if accompanied by the necessary
10 filing fee, obtain a Court hearing date thereon, give Notice thereof and attempt to obtain
11 an approving Court Order thereon.

12 26. Uniform Rules and Conditions of Cyclic Storage Agreements.

13 (a) Application for Cyclic Storage Agreements. Any person or
14 entity, private or public, desiring to spread and store Supplemental Water within
15 the Basin for subsequent recovery and use or for Watermaster credit shall make
16 application to Watermaster for a Cyclic Storage Agreement pursuant to these
17 Uniform Rules and Conditions. Watermaster shall have first call on
18 Supplemental Water for Replacement Water, Make-up Water and for the
19 "Alhambra Exchange" before such water is made available for Cyclic Storage
20 Agreements.

21 (b) Purpose of Cyclic Storage Agreements. All Cyclic Storage
22 Agreements shall be for the utilization of Ground Water storage capacity of the
23 Basin and for cyclic or regulatory storage of Supplemental Water.

24 (c) Available Storage Capacity. In considering the available Ground
25 Water storage capacity of the Basin for such Agreements, Watermaster shall

1 take into account the operation of the Basin under the Physical Solution
2 provisions of the Judgment.

3 (d) Provisions of Cyclic Storage Agreements. Any such Agreement
4 shall include provisions for:

5 (1) Watermaster control of all spreading (or injection) and
6 extraction scheduling and procedures for such stored waters;

7 a) The time, place, and amount of said spreading
8 shall be approved in advance by Watermaster provided, however,
9 that when the water level of the Baldwin Park Key Well is at or
10 above elevation two-hundred fifty (250) feet, spreading activities
11 shall be restricted to the easterly portion of the Basin at water
12 spreading facilities designated in advance by Watermaster, unless
13 otherwise approved by the Court;

14 (2) Calculations by Watermaster of any special costs,
15 damages or burdens resulting from such operation;

16 (3) Priorities for Cyclic Storage Agreements in the following
17 order:

18 a) Responsible Agencies on the basis of their relative
19 requirements for Replacement Water within their respective
20 corporate boundaries,

21 b) Other Parties on the basis of priority of application
22 to Watermaster for such Agreements, and
23 c) Non-parties;

24 (4) Determinations by Watermaster of, and accounting for, all
25 losses in stored water, assuming that such stored water floats on top of
26 the Ground Water supplies, and accounting for all losses of water which

otherwise would have replenished the Basin. Such losses of stored water shall be assigned by Watermaster as follows:

- a) First losses by non-parties in the reverse priority of the earliest original dates of their respective Cyclic Storage Agreements, to the whole of such non-parties' stored water,
- b) The next losses by Parties who are not Responsible Agencies in reverse priority of the earliest original dates of their respective Cyclic Storage Agreements, to the whole of their stored water, and
- c) The last losses by Responsible Agencies to be shared on the basis of water actually in storage in the Basin at the time of the loss of such stored water;

(5) The priorities for spreading of Supplemental Water are hereby established as follows, in the order of their priority:

First: Supplemental Water ordered by Watermaster from Responsible Agencies for direct delivery to the Basin as Replacement Water,

Second: Supplemental Water for delivery to the Basin for storage under Cyclic Storage Agreements between Watermaster and Responsible Agencies. In the event that more than one Responsible Agency wishes to deliver water to Cyclic Storage simultaneously and there is inadequate spreading capacity available, deliveries by each Responsible Agency so desiring to deliver Supplemental Water shall be scheduled so that the total quantity of water in Cyclic Storage of those Agencies can be

increased proportionately in percent of their maximum allowed Cyclic Storage,

Third: Supplemental Water for delivery to Individual Cyclic Storage accounts of Parties to the Judgment. In the event that more than one Party wishes to deliver water to such Cyclic Storage accounts simultaneously and there is inadequate spreading capacity available, deliveries for each such Party shall be scheduled so that the total quantity of water in such Parties' Individual Cyclic Storage accounts can be increased proportionately in percent of their maximum allowed Cyclic Storage, and

Fourth: Non-Parties as established by Watermaster at the time; and

(6) Payment to Watermaster for the benefit of Parties in said action of all special costs, damages or burdens incurred (without any charge, rent, assessment or expense as to Parties to said action by reason of the adjudicated proprietary character of said storage rights, nor credit for offset for benefits resulting from such storage); provided, no Party shall have any direct interest in or control over such contracts or the operation thereof by reason of the adjudicated right of such Party. Watermaster has sole custody and control of all Ground Water storage rights in the Basin pursuant to the Physical Solution in the Judgment and all said Agreements are subject to review and approval of the Court.

(e) Terms of Cyclic Storage Agreements and Extensions. The term of such Agreements shall not exceed five (5) years but may be extended for additional terms, not to exceed

1 five (5) years each, provided Watermaster shall report its
2 intention to consider an extension of any such Agreement in
3 minutes of its meeting held prior to its meeting when any such
4 extension request shall be acted upon.

5 (f) Maximum Storage. Such Agreements shall fix the
6 maximum amount of Supplemental Water to be stored in the
7 Basin at any point in time by a particular storing entity.

8 (g) Watermaster to be Held Harmless. The storing
9 entity of such Agreement shall save and hold harmless
10 Watermaster, its officers, agents and employees from any and all
11 costs, damages or liability resulting from said Agreement and
12 shall provide Watermaster with the defense or costs of the
13 defense of any action brought against Watermaster, its officers,
14 agents or employees arising or alleged to arise by reason of such
15 Agreement for storage of Supplemental Water in the Basin.

16 (h) Reports of Stored Water. The storing entity, if not
17 a Producer, shall quarterly report to Watermaster the amount of
18 Supplemental Water which it spreads and withdraws each quarter
19 under such Agreement. Such reports shall be due on the last day
20 of the month next succeeding the end of the relevant quarter, i.e.
21 April 30, July 31, October 31, and January 31. Such reports shall
22 be cumulative and shall indicate the credit balance of the relevant
23 quarter. If the storing entity is a Producer storing water pursuant
24 to an Individual Producer Cyclic Storage Account whereby
25 Watermaster has purchased the stored water on the Producer's
26 behalf and credited the Producer's account, then Watermaster

1 shall provide the Producer with a quarterly accounting of storage
2 credit in the regular quarterly production report form. The
3 Producer shall be responsible for verifying the credit and
4 notifying Watermaster of any dispute or discrepancy.

- 5 (i) Court Approval of Cyclic Storage Agreements.
6 Upon its approval of a Cyclic Storage Agreement, Watermaster
7 shall Petition the Court for approval thereof and said Agreement
8 shall become effective only upon such Court approval.
- 9 27. Responsible Agency from Whom Watermaster Shall Purchase
10 Replacement Water.
- 11 (a) Responsible Agencies. There are three Responsible Agencies
12 within or partially within the Basin. Two of such Agencies, Upper San Gabriel
13 Valley Municipal Water District (Upper District) and Three Valleys Municipal
14 Water District (Three Valleys District) are member agencies of The
15 Metropolitan Water District of Southern California (Metropolitan) and supply
16 Watermaster with Replacement Water purchased from Metropolitan. The third
17 Responsible Agency is San Gabriel Valley Municipal Water District (San
18 Gabriel District) which has contracted with the State of California and has
19 constructed facilities to deliver water from the State Water Project and, thus, can
20 directly supply Watermaster with Replacement Water.
- 21 (b) Water Used Within the Basin. For water used within the Basin,
22 the Responsible Agency within whose boundaries is located the place of use of
23 water produced from the Basin will determine the Responsible Agency from
24 whom Watermaster shall purchase Replacement Water.
- 25 (c) Water Exported from the Basin. Except for water produced from
26 the Basin and used within the City of Sierra Madre (for which San Gabriel

District shall be the Responsible Agency), the place of such Production of water exported from the Basin shall determine the Responsible Agency from whom Watermaster shall purchase Replacement Water.

(d) Computations of the Amount of Replacement Water to be Purchased from Responsible Agencies. In computing the amount of Replacement Water to be provided by a Responsible Agency, Watermaster shall:

(1) Determine the Replacement Water requirement of each

Party to the Judgment and apportion such Replacement Water requirement as required in (b) and (c) above;

(2) Calculate the total Replacement Water requirement for each Responsible Agency as determined in (1) above;

(3) Tabulate Interagency Transfers of water rights as described in (e) (1) below;

(4) Calculate the Net Interagency Transfer adjustment as described in (e) (2) below;

(5) Determine the adjusted Replacement Water requirements, calculated for each Responsible Agency as required in (e) below; and

(6) Determine the effect of deferred Replacement Water requirements as calculated in (h) below.

(e) Net Interagency Transfer Adjustment and Replacement Water Requirement. Replacement Water requirements as heretofore calculated shall be modified by a "Net Interagency Transfer Adjustment." "Interagency Transfer" shall mean the aggregate amount of Production Right resulting from the temporary transfer of all or a portion of a Pumper's Share of Operating Safe Yield, or a Base Annual Diversion Right, or the Diversion Component or

Pumping Component of an Integrated Production Right for use within the boundaries of a Responsible Agency other than the Responsible Agency within which such water rights were developed and adjudicated.

The annual Replacement Water requirement resulting from Net Interagency Transfers for each Responsible Agency shall be calculated as follows:

(1) Net Interagency Transfers shall be calculated for each Responsible Agency as the difference between such rights transferred for use outside or partially outside that Responsible Agency and such rights transferred for use within or partially within that Responsible Agency.

(2) Tabulate the total Interagency Transfers of water rights, calculated for each of the Responsible Agencies in (1) above. The sum of said total Interagency Transfers for each of the three Responsible Agencies is that Responsible Agency's Net Interagency Transfer Adjustment. The total of such adjustments for all Responsible Agencies shall equal zero. The Responsible Agency(s) having a positive amount shall have this Net Interagency Transfer Adjustment added to the Replacement Water requirement computed for it in (d) (2) above. The Responsible Agency(s) having a negative amount shall have this Net Interagency Transfer Adjustment subtracted from the Replacement Water requirement calculated for it in (d) (2) above.

(f) Special Provisions.

(1) The Replacement Water requirement calculated for each of the Responsible Agencies in (e) (2) above cannot exceed the total quantity of Replacement Water obligation calculated for all Responsible Agencies, and/or;

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amount, in the Deferred Replacement Water Requirement Account, such deliveries will be equally subtracted from the Replacement Water requirement of the Responsible Agency(s) from which it was derived in (1) and/or (2) above for that year so long as such deliveries shall not cause total deliveries of all Responsible Agencies to exceed the amounts provided for in paragraph (f) (1) and/or paragraph (f) (2) above. At the time that deliveries are made by a Responsible Agency from its Deferred Replacement Water Requirement Account, Watermaster shall pay to that Responsible Agency its price prevailing at that time for Replacement Water.

(i) Advanced Delivery Account. Whenever the total quantity calculated in (e) (1) above, is less than that delivered to the City of Alhambra through USG-5 for the previous year, an accounting of the difference shall be maintained in an "Advanced Delivery Account" and such difference, or as much as possible thereof, shall be subtracted from the Replacement Water Requirement of Upper District in the next year when an obligation to deliver Replacement Water exists for Upper District.

28. Ground Water Quality Management. The Watermaster, Upper District, San Gabriel District, and San Gabriel Valley Water Association, through a Joint Resolution dated February-March 1989, affirmed their commitment to participate in a coordinated federal, state and local response to contamination of Ground Water supplies of the Basin for both the purpose of preventing additional contamination and the purpose of cleaning up and limiting the spread of existing contamination. The entities adopting that Joint Resolution designated and accepted Watermaster as the entity to coordinate local involvement in the efforts to preserve and restore the quality of Ground Water within the Basin. Watermaster sought and received additional powers from the

Court to regulate extractions of water from the Basin for water quality control purposes, and this Section 28 is to implement the same. These efforts shall be that any New or Increased Extraction to meet water needs from the Basin shall include planned treatment in existing areas of High Level Degradation or Contamination. An important part of exercising these additional powers and coordinating federal, state and local responses to contamination of the Basin's water supplies is the collection and compilation of essential data from Producers and the expeditious distribution of such data to the proper state and federal regulatory agencies involved in water quality matters in the Basin.

(a) Watertmaster Approvals. Each Producer shall, after the effective date of this amendment to these Rules and Regulations (June 28, 1991), apply to Watertmaster, on forms provided by Watertmaster, for a permit to do any of the following:

- Construct any well;
- Deepen any existing well;
- Modify the perforations of the casing of any existing well;
- Notwithstanding natural fluctuations in Basin water levels, physically increase or decrease the Effective Extraction Capacity of any existing well, including that which may occur due to installation or modification of pipelines, booster pumps or other distribution system components, as of said effective date of these Rules and Regulations;
- Abandon any existing well; or
- Construct, relocate or abandon Ground Water Treatment Facilities.

Such application will be acted upon by Watertmaster no later than at its first regular meeting following sixty (60) days after receipt of the complete application. If an emergency exists, Watertmaster shall expedite its actions to the maximum extent practicable.

(b) Watertmaster Directed Change in Water Production.

(1) Based on available data, Watertmaster's Five-Year Plan, and/or Ground Water modeling, Watertmaster will, for water quality protection

purposes, direct any Producer to increase, decrease or cease Production from existing wells, initiate new well Production or deliver water to or accept water from another water system or direct a Producer to obtain water from another source in-lieu of Pumping from its own wells, or take other appropriate actions in compliance with an approved Watertmaster plan by giving such Producer advanced written notice thereof, specifying a time certain for compliance.

(2) The increase in cost to a Producer resulting from a Watertmaster directed change in water Production shall not be borne by the Producer, but will be reimbursed to the Producer by Watertmaster through Lieu Water Assessments levied by Watertmaster, unless such funding is made available from other sources such as federal, state or local governmental entities or by those found to be responsible for the contamination in the Basin which caused Watertmaster to direct the change in Production by the Producer.

(c) Producer Data Initial Submittal. After June 28, 1991, Producers shall submit, within sixty (60) days of Watertmaster's request, initial data in a form acceptable to Watertmaster, to update and ensure the accuracy of the existing Basin database. The data shall include:

(1) Identification and location of all Active, Inactive or Abandoned Wells;

(2) Water quality data concerning organic compounds, nitrates and any other water quality parameters as specified by Watertmaster, including all data from other sampling Producers may conduct in addition to governmental requirements;

(3) Available construction details of each well owned or operated by Producer, as well as all logs (driller's, electric, etc.);

(4) Depths or zones from which water is extracted from each

1 well, if available; and
2 (5) A current map of the main water transmission system of
3 Producer's distribution system showing the location and sizes of
4 transmission mains and storage reservoirs, all interconnections with
5 other systems and their sizes and capacities, and any other data pertinent
6 to the transmission (but not distribution to customers) of water through
7 the Producer's system.

8 (d) Quarterly Reports. After the initial submittal of data per
9 subparagraph (c) above, the following data shall be submitted by all Producers
10 to Watermaster quarterly, on or before the last day of January, April, July and
11 October:

12 (1) Chemical water quality data collected during the quarter
13 and provided to any state, federal or local public agency;

14 (2) Data described under Section 28 (c) (3), (4) and (5)
15 hereof which supplement, amend or change the data previously
16 submitted by a Producer; and

17 (3) All data from other sampling which Producers may
18 conduct in addition to governmental requirements.

19 (e) Operating Principles. Any New or Increased Extraction by a
20 Producer in the Basin to meet water supply needs shall have prior Watermaster
21 approval, shall not contribute to contaminant migration, and shall include
22 planned treatment in existing areas of High-level Degradation and
23 Contamination. In giving such approval, Watermaster shall consider the
24 cumulative effects of multiple actions by all Producers in the area of concern by
25 using available information, the Five-Year Plan, and Ground Water modeling.
26 If Watermaster determines that a proposed new well is a Replacement Well and

1 is not a New or Increased Extraction, the requirement for Planned Treatment in
2 existing areas of High-level Degradation and Contamination may be waived.
3 (f) Emergency Exemptions. Where a Producer's water supply or
4 water quality problem is so urgent that the viable option for maintaining an
5 adequate short-term supply that meets drinking water standards involves an
6 action in conflict with the operating principles outlined in Section 28 (e) hereof,
7 Watermaster may approve a short-term action contingent upon the Applicant
8 Producer concurrently submitting an acceptable long-term action plan with
9 acceptable deadlines for implementation. In general, the long-term action plan
10 must be approved prior to or concurrently with the short-term action.

11 (g) Water Quality and Supply Plans. To assure that Pumping does
12 not lead to further degradation of water quality in the Basin, a Five- Year Water
13 Quality and Supply Plan must be prepared and updated annually by
14 Watermaster, projecting water supply requirements and water quality conditions
15 for each period of five (5) calendar years beginning November 1, 1991, and
16 each November 1 thereafter. This Plan will also include a water quality
17 monitoring element to obtain supplemental information as needed to assist in
18 projecting contamination levels. Watermaster will supply the Producers with
19 projections of contaminant migration by June 1 of each year for the preparation
20 of these Water Quality and Supply Plans.

21 Each purveyor of potable water produced from the Basin shall
22 submit the following information to Watermaster by July 31 of each year:
23 (1) Projected quarterly water supply requirements for each of
24 the following five calendar years and the proposed pumping rates, in
25 gallons per minute, for each well;
26 (2) Identification of each Production well known to contain

- contaminants and the contaminant levels;
- (3) Proposed methods for meeting the water supply requirements of the system if contaminant levels are, or are projected by Watermaster to become, greater than drinking water standards; and
- (4) Any intended treatment facility.
- Watermaster shall analyze the information submitted by Producers and develop an overall draft Basin Water Quality and Supply Plan. A draft Plan will be submitted by Watermaster to the Los Angeles Regional Water Quality Control Board, and for public review and comment per Section 28 (i) hereof, by November 1. Appropriate modifications resulting from comments received will be reflected in the final draft, and a staff report providing an explanation of decisions will be made available.
- (h) Ground Water Treatment Facilities.
- (1) Producers in the Basin shall notify Watermaster in advance at the initial stages of planning of their intent to construct any Facility to remove volatile organic compounds (VOCs), nitrates, or other contaminants from water Produced from the Basin. Such notice shall include the following information:
- the intended location and a description of the Treatment Facility;
 - the water production capacity;
 - the rate of contaminant removal capacity;
 - the expected concentration of all identified contaminants in the water to be treated;
 - the expected concentration of all identified contaminants in the water after treatment;
 - the intended disposition of all water to be treated;
 - the intended initiation date and period of time over which the Treatment Facility will operate; and
 - the expected capital and operating costs of the Treatment Facility.
- (2) In addition, the Producer shall describe all necessary

- permits and/or all permits for which it has applied or has received from all regulatory agencies with regard to such Treatment Facility and shall supply to Watermaster copies of all environmental documents required under the California Environmental Quality Act and/or the National Environmental Protection Act. No construction of such Treatment Facilities shall be initiated without the prior written approval of Watermaster. Watermaster shall promptly examine each submittal for compatibility with available information, the Five- Year Plan and the operating principles, and notify the Applicant of its findings and decision regarding such proposed Treatment Facility no later than at its first regular meeting following sixty (60) days after receipt of a complete submittal by the Producer. Watermaster will also report its determination to the Los Angeles Regional Water Quality Control Board.
- (3) All Operators of Treatment Facilities shall report quarterly to Watermaster at least the following information:
- name or other designation of the Treatment Facility;
 - quantity of water treated during quarter;
 - quantity of each contaminant removed;
 - quality of water before treatment, at beginning and end of each quarter;
 - quality of water after treatment, at beginning and end of each quarter; and
 - operation and maintenance costs for each quarter.
- (i) Decision Making Process Hearings and Appeals.
- (1) All Watermaster determinations relating to the control of Pumping for water quality purposes shall be based upon a staff recommendation and information and recommendations received from or furnished by affected Producers. Staff's recommendation shall result from staff's analysis of information presented by interested Parties, all

available water quality data, Watermaster's Five-Year Plan, Ground Water modeling and other water quality trend analysis reports, and will be based on the operating principles set forth in these rules. Staff shall provide supporting data to document each recommendation that it makes to Watermaster. After consideration of the staff recommendation and public comment provided at the Watermaster meeting, Watermaster shall make a final decision.

(2) Public hearings on Watermaster's draft annual Five-Year Water Quality and Supply Plan will be held following a thirty (30) day public review and comment period. A notice of the availability of such draft will be sent to all Parties to the Judgment as well as to all other interested Parties following the regular Watermaster meeting in November of each year, along with a notice of the date, time and place of the public hearing, to be scheduled not less than thirty (30) days after the mailing date of the notice of availability of the draft Plan. A notice of public hearing will also be published in the San Gabriel Valley's key local newspaper(s) at the beginning of the public review period. Consideration of comments received is described in Section 28 (g) hereof.

(3) Appeal of a Watermaster decision may be made to the Watermaster who shall notice and consider the same at a public hearing. Actions by the Watermaster are subject to review by the Court. Any Party may, by a regularly noticed motion, petition the Court for review of Watermaster's action or decision. Notice of such motion shall be served and filed within ninety (90) days after such Watermaster action or decision.

29. Watermaster-directed Groundwater Management Programs. Upon written request by any Party, or on recommendation of Watermaster staff, Watermaster may initiate an investigation of existing or proposed pumping activities, groundwater levels, recharge potential and other factors that influence groundwater supply in any specific area of the Basin. Based on the findings of the investigation, and in accordance with Section 40(a) of the Judgment, Watermaster may determine that a groundwater management program is needed to assure equitable water supply availability to all affected Parties in the investigation area. Such a program may require that Producers reduce pumping from one or more wells, take water from another source in lieu of pumping groundwater, or a combination of those and/or other measures; however, no program adopted by Watermaster pursuant to this section shall effect a modification or amendment of the quantities specified in the declared rights of any Party under the Judgment.

If Watermaster determines such a management program is needed within a specific area of the Basin, Watermaster will develop the program with review and comment by affected Parties, and will first attempt to facilitate its implementation through voluntary agreements among the various affected Parties. Watermaster may also participate in such agreements as appropriate, subject to court approval.

If any affected Party refuses voluntary participation in the groundwater management program, or if the affected Parties cannot reach agreement within a reasonable time not to exceed 12 months from the date that Watermaster receives the draft program at a regular meeting, Watermaster will consider adoption of the program at a duly noticed public hearing and, if the program is adopted, will seek court approval of the program as part of the Watermaster Operating Criteria set forth in the Judgment. Watermaster will implement the program upon court approval and may use funds collected through the In-lieu Assessment to reimburse a Producer for costs incurred

beyond normal operating costs to comply with the Watermaster-directed groundwater management program.

APPENDIX "A"

DEFINITIONS

- (a) Base Annual Diversion Right-- The average annual quantity of water which a Divertor has the right to Divert for Direct Use.
- (b) Direct Use-- Beneficial use of water other than for spreading or Ground Water recharge.
- (c) Divert or Diverting-- To take waters of any surface stream within the Relevant Watershed.
- (d) Divertor-- Any Party who Diverts.
- (e) Elevation-- Feet above mean sea level.
- (f) Fiscal Year-- The period July 1 through June 30, following.
- (g) Ground Water-- Water beneath the surface of the ground and within the zone of saturation.
- (h) Ground Water Basin-- An interconnected permeable geologic formation capable of storing a substantial Ground Water supply.
- (i) Integrated Producer-- Any Party that is both a Pumper and a Divertor, and has elected to have its rights adjudicated under the optional formula provided in Section 18 of the Amended Judgment.
- (j) In-Lieu Water Cost-- The differential between a particular Producer's cost of Watermaster directed Produced, treated, blended, substituted or Supplemental Water delivered or substituted to, for, or taken by such Producer in-lieu of his cost of otherwise normally producing a like amount of Ground Water.
- (k) Judgment-- Judgment entered in Los Angeles Superior Court Civil Action No. 924128, entitled "Upper San Gabriel Valley Municipal Water District v. City of Alhambra, et al." as amended.
- (l) Key Well-- Baldwin Park Key Well, being elsewhere designated as

1 State Well No. IS/LOW-7R2, or Los Angeles County, Department of Public Works,
2 Well No. 3030-F. Said well has a ground surface elevation of 386.7.

3 (m) Long Beach Case -- Los Angeles Superior Court Case No. 722647,
4 entitled "The Board of Water Commissioners of the City of Long Beach, et al. v. San
5 Gabriel Valley Water Company, et al."

6 (n) Main San Gabriel Basin or Basin -- The Ground Water Basin underlying
7 the area shown as such on Exhibit "A" of the Judgment.

8 (o) Make-up Obligation -- The total cost of meeting the obligation of the
9 Basin to the area at or below Whittier Narrows, pursuant to the Judgment in the Long
10 Beach Case.

11 (p) Minimal Producer -- Any Producer whose Production in any Fiscal Year
12 does not exceed five (5) acre-feet.

13 (q) Natural Safe Yield -- The quantity of natural water supply which can be
14 extracted annually from the Basin under conditions of the long-term average annual
15 supply, net of the requirement to meet downstream rights as determined in the Long
16 Beach Case (exclusive of Pumped export), and under cultural conditions as of a
17 particular year.

18 (r) Operating Safe Yield -- The quantity of water which Watermaster
19 determines may be Pumped from the Basin in a particular Fiscal Year, free of the
20 Replacement Water Assessment under the Physical Solution of the Judgment.

21 (s) Overdraft -- A condition wherein the total annual Production from the
22 Basin exceeds the Natural Safe Yield thereof.

23 (t) Overlying Rights -- The right to Produce water from the Basin for use on
24 Overlying Lands, which rights are exercisable only on specifically defined Overlying
25 Lands and which cannot be separately conveyed or transferred apart therefrom.

26 (u) Physical Solution -- The Court-decreed method of managing the waters

1 of the Basin so as to achieve the maximum utilization of the Basin and its water supply,
2 consistent with the rights declared in the Judgment.

3 (v) Prescriptive Pumping Right -- The highest continuous extraction of
4 water by a Pumper from the Basin for beneficial use in any five (5) consecutive years
5 after commencement of Overdraft and prior to filing of the action, as to which there has
6 been no cessation of use by that Pumper during any subsequent period of five (5)
7 consecutive years prior to the filing of said action.

8 (w) Produce or Producing -- To Pump or Divert water from the Basin.
9 (x) Producer -- A Party who Produces water from the Basin.
10 (y) Production -- The annual quantity of water Produced from the Basin,
11 stated in acre-feet.

12 (z) Pump or Pumping -- To extract ground water from the Basin by
13 Pumping or by any other method.
14 (aa) Pumper -- A Party who Pumps water.
15 (bb) Pumper's Share -- A Pumper's right to a percentage of the entire Natural
16 Safe Yield, Operating Safe Yield and appurtenant Ground Water storage of the Basin.
17 (cc) Reclaimed Water -- Water which, as a result of treatment of waste, is
18 suitable for a direct beneficial use or a controlled use that would not otherwise occur.

19 (dd) Relevant Watershed -- That portion of the San Gabriel River Watershed
20 tributary to Whittier Narrows which is shown as such on Exhibit "A" to the Judgment
21 and the exterior boundaries of which are described in Exhibit "B" of the Judgment.
22 (ee) Replacement Water -- Water purchased by Watermaster to replace: (1)

23 Production in excess of a Pumper's Share of Operating Safe Yield; (2) the consumptive
24 use portion resulting from the exercise of an Overlying Right; and (3) Production in
25 excess of a Divertor's right to Divert for Direct Use.

26 (ff) Responsible Agency -- The municipal water district which is the normal

1 and appropriate source from whom Watermaster shall purchase Supplemental Water for
2 replacement purposes under the Physical Solution of the Judgment, being one of the
3 following:

4 (1) Upper District -- Upper San Gabriel Valley Municipal Water
5 District, a member public agency of The Metropolitan Water District of Southern
6 California (MWD).

7 (2) San Gabriel District -- San Gabriel Valley Municipal Water
8 District, which has a direct contract with the State of California for State Project water.

9 (3) Three Valleys District -- Three Valleys Municipal Water District,
10 a member public agency of MWD.

11 (gg) Stored Water -- Supplemental Water stored in the Basin pursuant to a
12 Cyclic Storage Agreement with Watermaster as authorized by Section 34(n) of the
13 Judgment herein.

14 (hh) Supplemental Water -- Non-tributary water imported through a
15 Responsible Agency and Reclaimed Water.

16 (ii) Transporting Parties -- Any Party who has transported water from the
17 Relevant Watershed or Basin to an area outside thereof within the Year immediately
18 preceding the entry of Judgment, and any Party presently or hereafter having an interest
19 in lands or having a service area outside the Basin or Relevant Watershed contiguous to
20 lands in which it has an interest, or a service area within the Basin or Relevant
21 Watershed. Division by a road, highway, or easement shall not interrupt contiguity.
22 Said term shall also include the City of Sierra Madre, or any Party supplying water
23 thereto, so long as the corporate limits of said City are included within one of the
24 Responsible Agencies.

25 (jj) Water Level -- The measured Elevation of water in the Key Well,
26 corrected for any temporary effects of mounding caused by replenishment or local

1 depressions caused by Pumping.
2 (kk) Year -- A calendar year, unless the context clearly indicates a contrary
3 meaning.

4 **The following are supplemental definitions relating to Section 28 of these
5 rules and regulations.**

6 (ll) New Extraction -- Any extraction from the Main San Gabriel Basin
7 using a well or other Ground Water extraction facility that becomes active for the first
8 time for water supply purposes on, or after June 28, 1991.
9 (mm) Increased Extraction (Decreased) -- Any modification to an existing well
or extraction facility that physically increases (or decreases) the Effective Extraction
Capacity of that well or extraction facility. Such modifications may include: (1)
changing the well depth, (2) modifying the perforation intervals, (3) modifying the
pump and/or motor, (4) installing or modifying distribution pipelines, (5) installing or
modifying booster pumps, and (6) installing or modifying other distribution system
components. Normal maintenance work would be excluded.

10 (nn) Effective Extraction Capacity -- The actual capacity of a well or
extraction facility to extract Ground Water from the Basin using the pumping
equipment and system appurtenances in good working order as they existed on June 28,
1991.

11 (oo) Treatment Facility -- Any facility that provides treatment for
contaminated Ground Water in order to meet drinking water standards.

12 (pp) Planned Treatment -- A specific Treatment Facility with a designated
source of Ground Water supply and schedule for development.

13 (qq) Active Well -- Any well used or that could be used without
modifications to extract Ground Water.

14 (rr) Inactive Well -- Any well that is not in service at the time of filing of an

1 application hereinunder.
2 (ss) Abandoned Well -- A well that has been abandoned in accordance with
3 the provisions of state, county or local laws and regulations.
4 (tt) High-level Degradation and Contamination -- Ground Water containing
5 contaminants in excess of the federal or state maximum contaminant level. Some areas
6 of the Basin contain higher contaminant concentrations than others and Treatment
7 Facilities shall be planned to extract Ground Water from the higher level areas of
8 contamination in the Basin.
9 (uu) Replacement Well -- A new well that will replace an existing well due to
10 structural or mechanical failure, which is located in the same general vicinity and which
11 has the same physical characteristics (size, depth, perforation intervals) and design
12 extraction capacity as the well it is replacing.

13 This summary of critical dates and actions for Watermaster is presented
14 for the convenience of Watermaster members, the Parties and others in carrying
15 out the provisions of the Court Judgment. It does not necessarily include all
16 critical dates and actions under the Judgment.
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SUMMARY OF CRITICAL DATES AND ACTIONS FOR WATERMASTER

1. Watermaster members' terms of office.
2. January 1 - December 31.
3. Watermaster's first meeting in January.
4. (a) Election of Watermaster Chairman and Vice-Chairman (from Watermaster
membership) and selection of Secretary, Treasurer and assistants (who may, but
need not, be Watermaster members), Watermaster Rules and Regulations,
Section 6 (R/R 6)
(b) Order Engineering Report for Preliminary Determination of Operating Safe
Yield (R/R 14(a))
3. January 31 - Quarterly Reports, as required by the Rules and Regulations, of
Production (R/R 13), Cyclic Storage (R/R 26(h)) and data required by Section
28 (d), due to Watermaster.
4. March - Receive San Gabriel River Watermaster Report.
5. Watermaster's first meeting in April.
Watermaster shall make a Preliminary Determination of the Operating Safe
Yield of the Basin for the next five Fiscal Years and mail a copy thereof to all
Parties at least ten (10) days prior to a hearing thereon and which said hearing
shall commence at Watermaster's first meeting in May. (R/R 14(a))
6. April 30 - Quarterly Reports, as required by the Rules and Regulations, of
Production (R/R 13), Cyclic Storage (R/R 26(h)) and data required by Section
28 (d), due to Watermaster.
7. Watermaster's first meeting in May.
(a) Hearing on Preliminary Determination for Watermaster to make Final
Determination of Operating Safe Yield. (R/R 14(b)) Within thirty (30) days of
the Final Determination of the Operating Safe Yield a copy of the Final Report
including a statement of their entitlements under such Determination.(R/R
14(c))
(b) Budget.
Adopt a proposed Administration Budget for the succeeding Fiscal Year and
within fifteen (15) days mail a copy thereof together with a statement of the
level of the Administration Assessment levied by Watermaster which will be
collected for purposes of raising the necessary funds for said budget. (R/R
18(a))
(c) Assessments.
In addition to the Administration Assessment, Watermaster shall levy the
Replacement Water Assessment, Make-up Obligation Assessment and the In-
lieu Water Assessments, if any. (R/R 19)
8. June 1 - Watermaster to supply Producers with projections of contaminant
migration by June 1. (R/R 28(g))
9. July - Authorize preparation of Annual Watermaster Report. Receive tentative
budget from San Gabriel River Watermaster.
10. July 31 - Quarterly Reports, as required by the Rules and Regulations, of
Production (R/R 13), Cyclic Storage (R/R 26(h)) and data required by Section
28 (d), due to Watermaster. Producers of potable water from the Basin must
submit to Watermaster the data required by Section 28(g).
11. August 15 - On or before this date Watermaster must give written notice of all
applicable Assessments to all Parties. (R/R 19)
12. September 20 - All Assessments payable to Watermaster. (R/R 19(a))
13. September 30 - Must pay Upper Area share of San Gabriel River Watermaster
budget by this date.

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1

PERMANENT TRANSFER OF WATER RIGHTS - PRESCRIPTIVE PUMPING RIGHT

14. October 1 - Mail Notice of Nomination Election of Producer representatives to
be held at Watermaster's November meeting. (R/R 19(a))
15. October 31 - Quarterly Reports, as required by the Rules and Regulations, of
Production (R/R 13), Cyclic Storage (R/R 26(h)) and data required by Section 28
(d), due to Watermaster.
16. November
 - (a) Watermaster Annual Report filed with the Court and copies mailed to each
Party by November 1. (R/R 24)
 - (b) Draft Annual Five-Year Water Quality and Supply Plan under Section 28 (g)
to be filed with the Los Angeles Regional Quality Control Board and circulated
for public review and comment by November 1.
 - (c) Prior to Watermaster's meeting in November, nomination of Public
Representatives to Watermaster by Upper District and San Gabriel District.
 - (d) Watermaster's meeting in November--election of six Producer
Representatives for nomination to Watermaster. (R/R 9(b)) Petition Court for
confirmation of nominees and give notice of hearing on Petition to all Parties.
Within ninety (90) days of a vacancy on Watermaster, it shall be filled by
nomination by Upper District or San Gabriel District if for a Public
Representative and by a special election at a Watermaster meeting for a
Producer Representative, after notice thereof to all Parties, and Watermaster
Petition (and notice thereof to all parties) for Court confirmation of nominee.
(R/R 10)

For a valuable consideration, receipt of which is hereby acknowledged, _____ ("Seller") does hereby assign and transfer in perpetuity to _____, ("Buyer") all rights to the quantity of _____ acre-feet of the "Prescriptive Pumping Right" and the appropriate % of "Pumper's Share" adjudicated to Seller or his predecessor in the Judgment in the case of Upper San Gabriel Valley Municipal Water District, v. City of Alhambra, et al., Los Angeles Superior Court No. 924128, together with all the attendant rights, powers and privileges pertaining thereto.

This transfer does does not include _____ acre-feet of "carry-over of unused rights" associated with said transferred rights and in existence on the date hereof.

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Name of Designee (of Buyer) to receive
Name of Designee (of Seller) to receive
(Signature)

—

Address _____

To be executed by both Buyer and Seller and, if separately requested by Watermaster, be accompanied by a map of the
Telephone No.: _____

(Have the appropriate individual(s) or corporate attached acknowledgments completed by both Buyer and Seller as part of the transfer.)

A TRUE COPY HEREOF MUST BE FILED WITH WATERMASTER WITHIN 15 DAYS OF EXECUTION.
To be accompanied by completed application. Please see page 16.

EXHIBIT A-1

CORPORATE ACKNOWLEDGMENT

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES)

On this _____ day of _____, 20____, before me, the undersigned Notary Public, personally appeared _____ known to me _____ proved to me on the basis of satisfactory evidence to be the person(s) who executed the within instrument as _____ or on behalf of the Corporation therein named, and acknowledged to me that the Corporation executed it.

WITNESS my hand and official seal.

Signature _____

Name (Typed or Printed)
Notary Public in and for said
County and State
(SEAL)

INDIVIDUAL(S) ACKNOWLEDGMENT

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES)

On this _____ day of _____, 20____, before me, the undersigned Notary Public, personally appeared _____ known to me _____ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) _____ subscribed to the within instrument and acknowledged to me that _____ executed the same.

WITNESS my hand and official seal.

Signature _____

Name (Typed or Printed)
Notary Public in and for said
County and State
(SEAL)

EXHIBIT A-2

PERMANENT TRANSFER OF WATER RIGHTS – BASE ANNUAL DIVERSION RIGHT

For a valuable consideration, receipt of which is hereby acknowledged, _____ ("Seller") does hereby assign and transfer in perpetuity to

_____ acre-feet of the "Base Annual Diversion Right" adjudicated to Seller or his predecessor in the Judgment in the case of Upper San Gabriel Valley Municipal Water District, v. City of Alhambra, et al., Los Angeles Superior Court No. 924128, together with all the attendant rights, powers and privileges pertaining thereto.

DATED: _____

BUYER
SELLER

(Signature) _____
Name of Designee (of Seller) to receive service of Processes and Notices:
(Signature) _____
Name of Designee (of Seller) to receive service of Processes and Notices:

(Signature) _____
Name of Designee (of Seller) to receive service of Processes and Notices:
(Signature) _____
Name of Designee (of Seller) to receive service of Processes and Notices:
Address _____
Telephone No.: _____
Address _____
Telephone No.: _____

To be executed by both Buyer and Seller and, if separately requested by Watermaster, be accompanied by a map of the service area where the water was used by Seller and a map of the service area where the water is intended to be used by the Buyer.

(Have the appropriate individual(s) or corporate attached acknowledgments completed by both Buyer and Seller as part of the transfer.)

A TRUE COPY HEREOF MUST BE FILED WITH WATERMASTER WITHIN 15 DAYS OF EXECUTION.

(To be accompanied by completed "Stipulation Re Intervention After Judgment" if Buyer is not a party to the Judgment)

EXHIBIT B-1

CORPORATE ACKNOWLEDGMENT

STATE OF CALIFORNIA)
COUNTRY OF LOS ANGELES)§

On this _____ day of _____, 20____, before me, the undersigned Notary
Public, personally appeared _____

known to me _____
_____ proved to me on the basis of satisfactory evidence to be the person(s) who executed
the within Instrument as

or on behalf of the Corporation therein named, and acknowledged to me that the Corporation
executed it.

WITNESS my hand and official seal.

Signature _____

Name (Typed or Printed)
Notary Public in and for said
County and State
(SEAL)

INDIVIDUAL(S) ACKNOWLEDGMENT

STATE OF CALIFORNIA)
COUNTRY OF LOS ANGELES)§

On this _____ day of _____, 20____, before me, the undersigned Notary
Public, personally appeared _____

known to me _____
_____ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)
_____ subscribed to the within instrument and acknowledged to me that _____ executed the
same.

WITNESS my hand and official seal.

Signature _____

Name (Typed or Printed)
Notary Public in and for said
County and State
(SEAL)

EXHIBIT B-2

PERMANENT TRANSFER OF WATER RIGHTS - INTEGRATED PRODUCTION RIGHT

For a valuable consideration, receipt of which is hereby acknowledged, _____ ("Seller") does hereby assign and transfer in perpetuity to _____ acre-feet of the "Diversion Component" adjudicated to Seller or his predecessor in the Judgment in the case of Upper San Gabriel Valley Municipal Water District, v. City of Alhambra, et al., Los Angeles Superior Court No. 924128, together with all the attendant rights, powers and privileges pertaining thereto.

(Check appropriate provision)

This transfer does does not include _____ acre-feet of "carry-over of unused rights" associated with said transferred rights and in existence on the date hereof.

DATED: _____

BUYER

SELLER

(Signature)

Name of Designee (of Buyer) to receive
service of Processes and Notices:

Name of Designee (of Seller) to receive
service of Processes and Notices:

Address _____
Telephone No.: _____
Address _____
Telephone No.: _____
To be executed by both Buyer and Seller and, if separately requested by Watermaster, be accompanied by a map of the service area where the water was used by Seller and a map of the service area where the water is intended to be used by the Buyer.

(Have the appropriate individual(s) or corporate attached acknowledgments completed by both Buyer and Seller as part of the transfer.)

A TRUE COPY HEREOF MUST BE FILED WITH WATERMASTER WITHIN 15 DAYS OF EXECUTION.
(To be accompanied by completed "Stipulation Re Intervention After Judgment" if Buyer is not a party to the Judgment)
EXHIBIT C-1

CORPORATE ACKNOWLEDGMENT

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES)

On this _____ day of _____, 20____, before me, the undersigned Notary Public, personally appeared _____

known to me _____ proved to me on the basis of satisfactory evidence to be the person(s) who executed the within Instrument as _____

or on behalf of the Corporation therein named, and acknowledged to me that the Corporation executed it.

WITNESS my hand and official seal.

Signature _____

Name (Typed or Printed)
Notary Public in and for said
County and State
(SEAL)

INDIVIDUAL(S) ACKNOWLEDGMENT

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES)

On this _____ day of _____, 20____, before me, the undersigned Notary Public, personally appeared _____

known to me _____ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) _____ subscribed to the within instrument and acknowledged to me that _____ executed the same.

WITNESS my hand and official seal.

Signature _____

Name (Typed or Printed)
Notary Public in and for said
County and State
(SEAL)

TOTAL TEMPORARY ASSIGNMENT OR LEASE OF WATER RIGHT

For a valuable consideration, receipt of which is hereby acknowledged, ("Assignor") does hereby assign and transfer to _____, ("Assignee") commencing on _____ and terminating _____, on the following water right(s):

(Check following appropriate category)

- | | | |
|--|----------|---|
| <input type="checkbox"/> Production Right | _____ AF | <input type="checkbox"/> Integrated Production Right (consisting of Prescriptive Pumping Component" and "Diversion Component") AF of "Prescriptive Pumping Component" and "Diversion Component") AF |
| <input type="checkbox"/> Prescriptive Pumping Right | _____ AF | |
| <input type="checkbox"/> Base Annual Diversion Right | _____ AF | <input type="checkbox"/> Carryover Right _____ AF |

adjudicated to Assignor or his predecessor in the Judgment in the case of "Upper San Gabriel Valley Municipal Water District, v. City of Alhambra, et al." Los Angeles Superior Court No. 924128.

Said assignment is made upon condition that:

- (1) Assignee shall exercise said right on behalf of Assignor for the period described hereinabove and the first water produced by Assignee from the Relevant Watershed of the Main San Gabriel Basin after the date hereof shall be that produced hereunder;
- (2) Assignee shall put all waters utilized pursuant to said transfer to reasonable beneficial use; and
- (3) Assignee shall pay all Watermaster assessments on account of the water production hereby assigned or leased.

DATED: _____

ASSIGNEE

ASSIGNOR

Signature _____

Signature _____
Name of Designee (of Assignor) to receive service of Processes and Notices:

Address _____
Tel. No.: _____

Address _____
Tel. No.: _____

To be executed by both Assignee and Assignor and, if separately requested by Watermaster, be accompanied by a map of the service area where the water was used by Assignor and a map of the service area where the water is intended to be used by the Assignee.

(Have the appropriate individual(s) or corporate attached acknowledgments completed as part of the temporary transfer.)
A TRUE COPY HEREOF MUST BE FILED WITH WATERMASTER WITHIN 15 DAYS OF EXECUTION
(To be accompanied by completed "Stipulation Re Intervention After Judgment" if Assignee is not a party to the Judgment)

EXHIBIT C-2

EXHIBIT D-1

CORPORATE ACKNOWLEDGMENT

STATE OF CALIFORNIA)
CITY OF LOS ANGELES)

On this _____ day of _____, 20____, before me, the undersigned Notary Public, personally appeared _____ known to me _____ proved to me on the basis of satisfactory evidence to be the person(s) who executed the within instrument as _____

or on behalf of the Corporation therein named, and acknowledged to me that the Corporation executed it.

WITNESS my hand and official seal.

Signature _____

Name (Typed or Printed)
Notary Public in and for said
County and State
(SEAL)

INDIVIDUAL(S) ACKNOWLEDGMENT

STATE OF CALIFORNIA)
CITY OF LOS ANGELES)

On this _____ day of _____, 20____, before me, the undersigned Notary Public, personally appeared _____ known to me _____ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) _____ subscribed to the within instrument and acknowledged to me that _____ executed the same.

WITNESS my hand and official seal.

Signature _____

Name (Typed or Printed)
Notary Public in and for said
County and State
(SEAL)

EXHIBIT D-2

1 NOSSAMAN, GUTHNER, KNOX & ELLIOTT, LLP EXEMPT FROM FILING FEES
2 FREDERIC A. FUDACZ, State Bar No. 050546 GOVERNMENT CODE § 6103
3 ALFRED E. SMITH, State Bar No. 186257
4 445 South Figueroa Street, 31st Floor
5 Los Angeles, CA 90071-1602
6 Telephone: (213) 612-7800
7 Facsimile: (213) 612-7801
8 Attorneys for Main San Gabriel Basin Watermaster

9 SUPERIOR COURT OF THE STATE OF CALIFORNIA
FOR THE COUNTY OF LOS ANGELES
10 Case No.: C 924128
11 Upper San Gabriel Valley Municipal Water)
12 District, StIPULATION RE INTERVENTION
13 Plaintiff, AFTER JUDGMENT OF
14 vs. _____
15 City of Alhambra, et al.
16 Defendant

17
18
19 IT IS HEREBY STIPULATED by and between the Main San Gabriel Basin
20 Watermaster for and on behalf of all parties to the instant action (pursuant to Section
21 57 of the amended Judgment) and _____, the
22 proposed Intervenor(s) herein, that said proposed Intervenor(s) may intervene in the
23 instant action and become entitled to all of the benefits and bound by all of the
24 burdens of the Judgment herein.

25
26 The Court will consider the attached proposed Order confirming said
27 Intervention at _____ o'clock _____ on _____ 20____, in
28 Department 38, located at 111 North Hill Street, Los Angeles, California 90012.

STIPULATION RE INTERVENTION AFTER JUDGMENT OF
EXHIBIT E-1
1

1 Watermaster shall give at least 30 days notice to the parties herein of said
2 hearing.

3 DATED: _____

4 WATERMASTER

5 By _____ Chairman

6 Attest:

7 Secretary

8 DATED: _____ INTERVENOR(S)

9 By _____

10 By _____

11 Name of Intervenor's Designee:

12 Address of Designee:

13 Telephone Number of Designee:

14 Telephone Number of Designee:

15 Telephone Number of Designee:

16 Telephone Number of Designee:

17 Telephone Number of Designee:

18 Telephone Number of Designee:

19 Telephone Number of Designee:

20 Telephone Number of Designee:

21 Telephone Number of Designee:

22 Telephone Number of Designee:

23 Telephone Number of Designee:

24 Telephone Number of Designee:

25 Telephone Number of Designee:

26 Telephone Number of Designee:

27 Telephone Number of Designee:

28 Telephone Number of Designee:

1 FREDERIC A. FUDACZ, State Bar No. 050546
2 ALFRED E. SMITH, State Bar No. 186257
3 NOSSAMAN, GUTHNER, KNOX & ELLIOTT, LLP
4 445 South Figueroa Street, 31st Floor
5 Los Angeles, CA 90071-1602
6 Telephone: (213) 612-7800
7 Facsimile: (213) 612-7801
8 Attorneys for Main San Gabriel Basin Watermaster

9 SUPERIOR COURT OF THE STATE OF CALIFORNIA
10 FOR THE COUNTY OF LOS ANGELES

11 Upper San Gabriel Valley
12 Municipal Water District,
13 Plaintiff,
14 vs.
15 City of Alhambra, et al,
16 Defendant
17
18 Defendant(s)
19 hereby designates:
20 whose address is _____
21 and whose telephone number is _____ as said Defendant's Designee to
22 receive service of all future notices, determinations, requests, demands, objections, reports and
23 other papers and processes to be served upon said defendant(s) or delivered to said defendant(s)
24 herein.
25
26 A copy hereof has been served upon the Watermaster herein, by mail, on
27 _____, 20 _____.
28 DESIGNEE TO RECEIVE FUTURE NOTICES FOR AND ON BEHALF OF DEFENDANT(S) - 1

**NOTICE OF TRANSFER OF OVERLYING RIGHTS
WITH PROPERTY TO WHICH THEY ARE APPURTENANT**

1 Executed under penalties of perjury at _____, California,
2 this _____ day of _____, 20 _____.
3
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On _____, 20_____, the undersigned (or his predecessor), adjudged Overlying Rights on the property described in Exhibit 1 attached hereto and by this inference incorporated herein, in the case of "UPPER SAN GABRIEL VALLEY MUNICIPAL WATER DISTRICT, v. CITY OF ALHAMBRA, ET AL," Los Angeles Superior Court No. 924128, transferred said property and said Overlying Rights appurtenant thereto to _____, whose address is _____, and whose s

telephone number is _____.
That said transferee hereby names _____
Whose address is _____ and _____
whose telephone number is _____ as his/her Designee to receive all future notices and processes in said action.
DATED: _____

14 BUYER

SELLER

(Signature) _____
(Signature)

To be executed by both Buyer and Seller and, if separately requested by Watermaster, be accompanied by a map of the service area where the water was used by Seller and a map of the service area where the water is intended to be used by the Buyer.

(Have the appropriate individual(s) or corporate attached acknowledgments completed as part of the transfer, and include Exhibit 1)
A TRUE COPY HEREOF MUST BE FILED WITH WATERMASTER WITHIN 15 DAYS OF EXECUTION.

(To be accompanied by completed "Exhibit E" if Buyer is not a party to the Judgment)

CORPORATE ACKNOWLEDGMENT

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES)

On this _____ day of _____, 20_____, before me, the undersigned Notary Public, personally appeared _____ known to me _____

_____ proved to me on the basis of satisfactory evidence to be the person(s) who executed the within Instrument as _____ or on behalf of the Corporation therein named, and acknowledged to me that the Corporation executed it.

WITNESS my hand and official seal.

Signature _____

Name (Typed or Printed)
Notary Public in and for said
County and State _____

(SEAL)

INDIVIDUAL(S) ACKNOWLEDGMENT

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES)

On this _____ day of _____, 20_____, before me, the undersigned Notary Public, personally appeared _____ known to me _____

_____ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) _____

subscribed to the within instrument and acknowledged to me that _____ executed the same.

WITNESS my hand and official seal.

Signature _____

Name (Typed or Printed)
Notary Public in and for said
County and State _____

(SEAL)

Mailing Address:
725 North Azusa Ave.
Azusa, CA 91702
SUPERIOR COURT CASE NO. 924128-LOS ANGELES COUNTY

APPLICATION TO DRILL WATER WELL

(To Be Completed by Watermaster)

(8) PROPOSED PUMPING EQUIPMENT:

(A) Pump
Electric () Natural Gas ()
Propane () Diesel ()
Other ()

(2) LOCATION OF PROPOSED WELL:

Well Address:
Township, Range, and Section
Thomas Brothers Guide (Please indicate year, page number and
coordinates.)

(9) PROXIMITY TO POTENTIAL SOURCES OF CONTAMINATION:

(A) Distance to nearest sewer line or septic tank _____ ft.
(B) Wells (Please provide distance, direction and name of nearest
upgradient well(s) with volatile organic chemical or nitrate
levels above a maximum contaminant level, if known.)

(10) PEOPLES COPY OF MAP OR SKETCH IDENTIFYING WELL LOCATION RELATIVE TO STREETS OR OTHER MAJOR LANDMARKS:**(3) NAME OF WELL DRILLING CONTRACTOR:****(4) PROPOSED USE:**

Municipal () Irrigation () Rotary ()
Domestic () Industrial () Cable ()
Water Quality Cleanup () Other ()

(6) PROPOSED WELL CHARACTERISTICS:

A. Casing Installed:
STEEL () PLASTIC () Gravel Packed:
OTHER () Yes () No () Size _____

From	To	Gage or Wall	Diameter of Bore	Packed From ft.	To ft.
ft.	ft.				

Size of shoe on well ring:	Describe joint:
_____	_____

(7) WELL TESTS:

Will a pump test be made? Yes () No () If yes by whom?
Anticipated Well Yield _____

Type of perforation or size of screen	Rows per ft.	Slot Size		
From	To	Perf. per row	Rows per ft.	Slot Size
ft.	ft.			

(8) PROPOSED DRILLING EQUIPMENT:

Size of shoe on well ring:	Describe joint:
_____	_____

(9) PROPOSED WELL DRILLING EQUIPMENT:

Size of shoe on well ring:	Describe joint:
_____	_____

(10) PROPOSED WELL DRILLING EQUIPMENT:

Size of shoe on well ring:	Describe joint:
_____	_____

Size of shoe on well ring:	Describe joint:
_____	_____

EXHIBIT G-2

EXHIBIT H-1

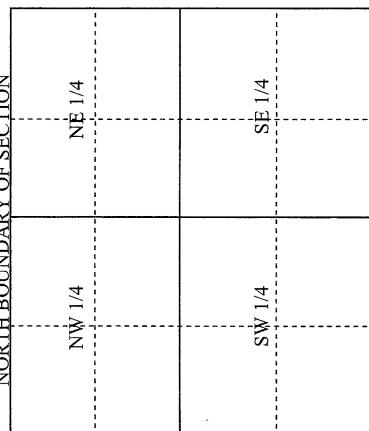
WELL LOCATION SKETCH

Mailing Address:
725 North Azusa Ave.
Azusa, CA 91702

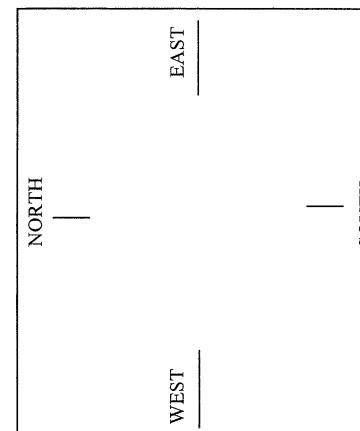
**MAIN SAN GABRIEL BASIN WATERMASTER
SUPERIOR COURT CASE NO. 924128-LOS ANGELES COUNTY**

APPLICATION TO MODIFY EXISTING WATER WELL

NORTH BOUNDARY OF SECTION



A. Location of well in sectionized areas.
Sketch roads, railroads, streams, or other features as necessary.



B. Location of well in areas not sectionized.
Sketch roads, railroads, streams, or other features as necessary. Indicate distances.

EXHIBIT H-2

(1) APPLICANT:
Name _____
Address _____

(2) LOCATION OF PROPOSED WELL:

Well Address:
Township, Range, and Section
Thomas Brothers Guide (Please indicate year, page number, and coordinates.)

Township _____ N/S
Range _____ E/W
Section No. _____

Assessor's Parcel No.
(Please attach copy of a map or sketch showing well location relative to streets or other major landmarks.)

(3) NAME OF WELL DRILLING CONTRACTOR:

(4) TYPE OF WORK:

- Deepening () Modify Perforations () Increase Yield ()
Reconditioning () Other () (5) PROPOSED USE: (6) DRILLING EQUIPMENT:
Municipal () Irrigation () Rotary ()
Domestic () Industrial () Cable ()
Water Quality Cleanup () Other ()

(7A) CASTING INSTALLED (existing):

STEEL () PLASTIC ()		OTHER ()		Gravel Packed: Yes () No () Size _____	
From	To	Diam.	Gage or Wall	Diameter of Bore	Packed From To ft. ft. ft.
ft.	ft.				

Size of shoe or well ring: _____

Describe joint: _____

(7B) CASTING INSTALLED (proposed):

STEEL () PLASTIC ()		OTHER ()		Gravel Packed: Yes () No () Size _____	
From	To	Diam.	Gage or Wall	Diameter of Bore	Packed From To ft. ft. ft.
ft.	ft.				

Size of shoe or well ring: _____

Describe joint: _____

(8A) PERFORATIONS OR SCREEN (existing):

Type of perforation or size of screen: _____

Perf.		Rows per ft.		Slot Size	
From	To	Diam.	Gage or Wall	Diam.	From To ft. ft.
ft.	ft.				

(8B) PERFORATIONS OR SCREEN (proposed):

Type of perforation or size of screen: _____

Perf.		Rows per ft.		Slot Size	
From	To	Diam.	Gage or Wall	Diam.	From To ft. ft.
ft.	ft.				

(9A) EXISTING CONSTRUCTION:

Was a surface sanitary seal provided? Yes () No ()

To what depth? _____ ft.

Were any strata sealed against pollution? Yes () No ()

If yes, note depth of strata from _____ ft. to _____ ft.

Method of sealing _____

(Title) _____

Will a surface sanitary seal be provided? Yes () No ()

To what depth? _____ ft.

Is any strata anticipated to be sealed against pollution? Yes () No ()

If yes, note depth of strata from _____ ft. to _____ ft.

Method of sealing _____

(10) WELL TESTS:

Was a pump test made? Yes () No () If yes, attach most recent copy

Temperature of water _____ ft. to _____ ft.

Was a chemical analysis made? Yes () No ()

Was an electric log made of well? Yes () No () If yes, attach most recent copy

Well lithology in space provided or on attached page.

(11) WELL LOG:

Total depth _____ ft. Depth of completed well _____ ft.

Formation: Describe by color, character, size of material and structure. It to _____ ft.

(12) HISTORIC WELL MODIFICATIONS:

(On an attached page, please provide a chronology of all historic well modifications which may have affected well yield or water quality.)

(13A) EXISTING WELL PUMP DATA:

A. Pump Type: Electric () Natural Gas () Other ()

Propane () Diesel ()

B. Pump Performance: Horsepower _____ (GPM)

Design Efficiency _____

C. Pump Data: Please provide copy of County of Los Angeles permits and State Department of Water Resources Water Well Driller Reports and any other permits for modification of an existing well upon completion of modification of well.

(15) Please provide Watermaster with copies of all feasibility studies, alternative water supply sources, water quality studies or other reports which validate the Applicant's need to modify this well. Applicant must provide supporting data to show compliance with the requirements of Section 28 with particular reference to Section 28(e) of Watermaster's Rules and Regulations.

I hereby agree to comply with all regulations of the Main San Gabriel Basin Watermaster pertaining to well construction, operation, repair, modification, destruction and inactivation. The Applicant will furnish the Watermaster a complete well log upon completion of well modification.

Submitted for Applicant by: _____

Date Received by Watermaster: _____

Watermaster Action: Approved () Denied ()

Date of Action: _____

Permit Number: _____

By: _____ (Name) _____

(Title) _____

<p style="text-align: center;">MAIN SAN GABRIEL BASIN WATERMASTER SUPERIOR COURT CASE NO. 924128-LOS ANGELES COUNTY</p> <p style="text-align: center;">APPLICATION TO DESTROY WELL</p>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">(State Well Number)</td> <td style="width: 10%;">(Recordation Number)</td> <td style="width: 10%;">(Owner's Designation)</td> </tr> </table>		(State Well Number)	(Recordation Number)	(Owner's Designation)											
(State Well Number)	(Recordation Number)	(Owner's Designation)													
<p>(1) APPLICANT: Name _____ Address _____</p> <p>(2) LOCATION OF WELL: Well Address: _____ Township, Range, and Section _____ <i>Thomas Brothers Guide (Please indicate year, page number and coordinates.)</i> _____</p> <p>(3) NAME OF WELL DRILLING CONTRACTOR: <i>Please attach copy of a map or sketch showing well location relative to streets or other major landmarks.</i> _____</p> <p>(4) PURPOSE FOR DESTROYING WELL Water Quality () Physical () Other ()</p> <p>(5) CURRENT USE: Municipal () Irrigation () Domestic () Industrial () Water Quality Cleanup () Other ()</p> <p>(6) EXISTING CASING INSTALLED: STEEL () PLASTIC () OTHER () Gravel packed: Yes () No () Size _____ Size of shoe or well ring: _____</p> <p>(7) EXISTING PERFORATIONS OR SCREEN: Type of perforation or size of screen <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <th>From</th> <th>To</th> <th>Gage or Wall</th> <th>Diameter of Bore</th> <th>Packed From ft.</th> <th>To ft.</th> <th>Slot Size</th> </tr> <tr> <td>ft.</td> <td>ft.</td> <td>per row</td> <td>per ft.</td> <td>ft.</td> <td>ft.</td> <td></td> </tr> </table> </p> <p>(8) CONSTRUCTION: Was a surface sanitary seal provided? Yes () No () To what depth? _____ ft. Were any strata sealed against pollution? Yes () No () If yes, note depth of strata from _____ ft. to _____ ft. Method of sealing _____</p> <p>(9) WELL LOG: (Please provide a copy of well log.) Total depth _____ ft. Depth of completed well _____ ft. Formation: <i>Describe by color character, size of material and structure if well log cannot be provided.</i> _____ ft. to _____ ft. _____</p>		From	To	Gage or Wall	Diameter of Bore	Packed From ft.	To ft.	Slot Size	ft.	ft.	per row	per ft.	ft.	ft.	
From	To	Gage or Wall	Diameter of Bore	Packed From ft.	To ft.	Slot Size									
ft.	ft.	per row	per ft.	ft.	ft.										
<p>A. Location of well in sectionized areas. Sketch roads, railroads, streams, or other features as necessary.</p> <div style="border: 1px solid black; width: 100px; height: 100px; margin-bottom: 10px;"></div> <p>NORTH BOUNDARY OF SECTION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">NW 1/4</td> <td style="width: 50%;">NE 1/4</td> </tr> <tr> <td>SW 1/4</td> <td>SE 1/4</td> </tr> </table> <p>1/2 MILE E 1/2 MILE N 1/2 MILE S 1/2 MILE W</p> <p>B. Location of well in areas not sectionized. Sketch roads, railroads, streams, or other features as necessary. Indicate distances.</p> <div style="border: 1px solid black; width: 100px; height: 100px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 100px; height: 100px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 100px; height: 100px; margin-bottom: 10px;"></div> <div style="border: 1px solid black; width: 100px; height: 100px; margin-bottom: 10px;"></div>		NW 1/4	NE 1/4	SW 1/4	SE 1/4										
NW 1/4	NE 1/4														
SW 1/4	SE 1/4														

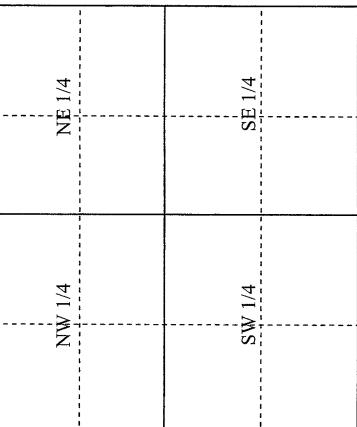
WELL LOCATION SKETCH

MAIN SAN GABRIEL BASIN WATERMASTER
SUPERIOR COURT CASE NO. 924128-LOS ANGELES COUNTY

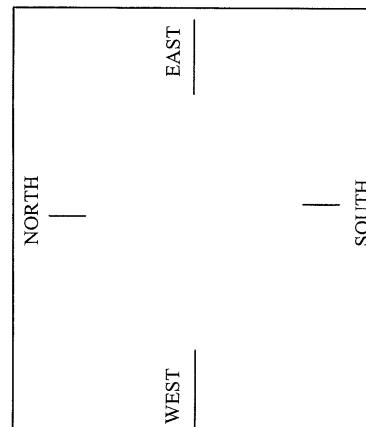
APPLICATION TO DESTROY WELL

Mailing Address:
725 North Azusa Ave
Azusa, CA 91702

NORTH BOUNDARY OF SECTION



A. Location of well in sectionized areas.
Sketch roads, railroads, streams, or other features as necessary.

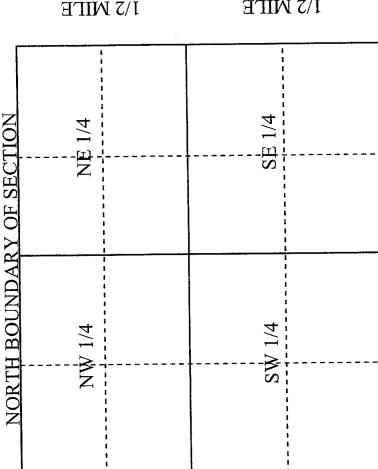


3. Location of well in areas not sectionized.
Sketch roads, railroads, streams, or other
features as necessary. Indicate distances.

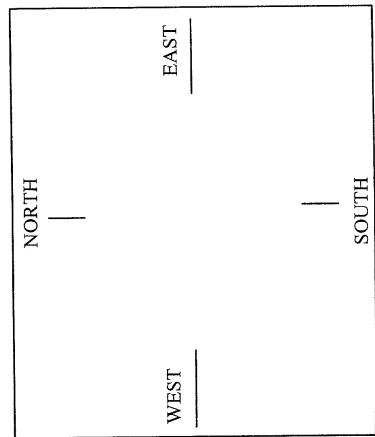
EXHIBIT I-2

EXHIBIT J-1

WELL LOCATION SKETCH



- A. Location of well in sectionized areas.**
Sketch roads, railroads, streams, or other features as necessary.



- B. Location of well in areas not sectionized.**
Sketch roads, railroads, streams, or other features as necessary. Indicate distances.

**MAIN SAN GABRIEL BASIN WATERMASTER
SUPERIOR COURT CASE NO. 924128-LOS ANGELES COUNTY**

APPLICATION FOR WATER TREATMENT FACILITY

(1) APPLICANT:

Name _____
Address _____

(2) LOCATION OF TREATMENT FACILITY:

Address _____
Thomas Brothers Guide (Please indicate year, page number and coordinates.) _____

(10) EXPECTED OPERATING SCHEDULE:

(A) Daily schedule
(B) Number of days each month (*Please specify if operating schedule varies month-to-month*)

(11) EXPECTED COSTS

(A) Capital cost, \$ _____

(B) Operation and maintenance, \$ /AF.

(C) REGULATORY PERMITS: Please describe all necessary permits and/or all permits for which you have applied or have received from all regulatory agencies with regard to the proposed treatment facility. Please supply to Watermaster copies of all environmental documents required under the California Environmental Quality Act and/or the National Environmental Protection Act.

(D) Applicant acknowledges it will comply with all portions of Section 28 of Watermaster's Rules and Regulations pertaining to quarterly data submittal, for treatment plant operation, to Watermaster. Specifically, at least the following data shall be provided on a quarterly basis:

• Name or other designation of treatment facility;
• Quantity of each contaminant removed;

• Quality of water before treatment, at beginning and end of each quarter;
• Quality of water after treatment, at beginning and end of each quarter; and

• Operation and maintenance costs for each quarter.
(E) Please provide Watermaster with copies of all feasibility studies, alternative water supply sources, water quality studies or other reports which validate the Applicant's need to install a water treatment facility.

(F) Please provide supporting data to show compliance with the requirements of Section 28(h) of Watermaster's Rules and Regulations.

I hereby agree to comply with all regulations of the Main San Gabriel Basin Watermaster pertaining to treatment plant construction, operation, repair, modification, destruction and inactivation.

Submitted for Applicant by: _____

Signature: _____
Title: _____

Date: _____

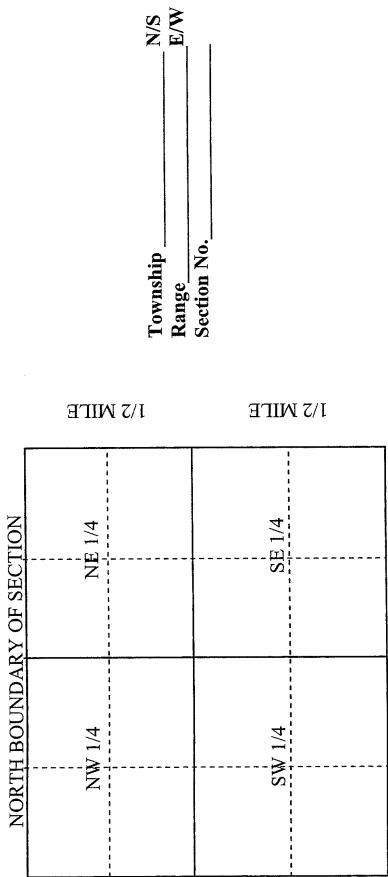
Date Received by Watermaster: _____
Watermaster Action: _____
Approved () Denied ()
Date of Action: _____
Permit Number: _____

Others: _____
By: _____ (Name)
(Title) _____

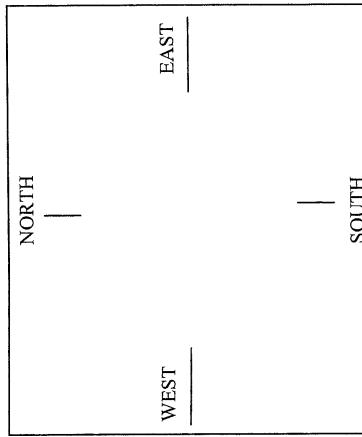
(G) DISPOSITION OF ALL TREATED WATER:
(Please describe disposition of all treated water, and the corresponding annual amount of discharge.) _____

(9) INITIAL START-UP DATE:

WELL LOCATION SKETCH



A. Location of well in sectionized areas.
Sketch roads, railroads, streams, or other features
as necessary.



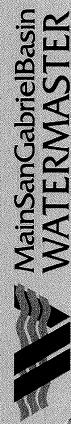
B. Location of well in areas not sectionized.
Sketch roads, railroads, streams, or other
features as necessary. Indicate distances.

APPENDIX J

**MAIN SAN GABRIEL BASIN WATERMASTER
FIVE-YEAR WATER QUALITY AND SUPPLY PLAN**

Five-Year Water Quality and Supply Plan

2009-10 to 2013-14



Five-Year Water Quality and Supply Plan

November 2009



Telephone (626) 815-1300 • Fax (626) 815-1303
725 North Azusa Avenue • Azusa, California 91702
www.watermaster.org

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1 five-year water quality and supply plan

INTRODUCTION

Watermaster prepares and annually updates this Five-Year Water Quality and Supply Plan (Five-Year Plan) in accordance with the requirements of Section 28 of its Rules and Regulations. The objective is to coordinate groundwater-related activities so that both water supply and water quality in the Main San Gabriel Basin (Basin) are protected and improved.

PURPOSE OF THE FIVE-YEAR PLAN

Many important issues are detailed in the Five-Year Plan, including how Watermaster plans to:

1. monitor groundwater supply and quality;
2. develop projections of future groundwater supply and quality;
3. ensure adequate supplemental water is available for groundwater replenishment
4. review and cooperate on cleanup projects, and provide technical assistance to other agencies;
5. assure that pumping does not lead to further degradation of water quality in the Basin;
6. address emerging contaminants in the Basin;
7. develop a cleanup and water supply program consistent with the U.S. Environmental Protection Agency (USEPA) plans for its San Gabriel Basin Superfund sites; and
8. coordinate and manage the design, permitting, construction, and performance evaluation of the Baldwin Park Operable Unit (BPOU) cleanup and water supply plan.

WATERMASTER BACKGROUND

The Los Angeles County Superior Court created the Main San Gabriel Basin Watermaster in 1973 to resolve water issues that had arisen among water users in the San Gabriel Valley. Watermaster's mission was to generally manage the water supply of the Main San Gabriel Groundwater Basin.

2 main san gabriel basin watermaster

During the late 1970s and early 1980s, significant groundwater contamination was discovered in the Basin. The contamination was caused in part by past practices of local industries that had inappropriately disposed of industrial solvents, as well as by agricultural operations that infiltrated nitrates into the groundwater. Cleanup efforts for industrial contamination were undertaken at the local, state, and federal levels.

WATERMASTER RECEIVES WATER QUALITY RESPONSIBILITIES

By 1989, local water agencies adopted a joint resolution regarding water quality issues that stated that Watermaster should coordinate local activities aimed at preserving and restoring the quality of groundwater in the Basin. The joint resolution also called for a cleanup plan.

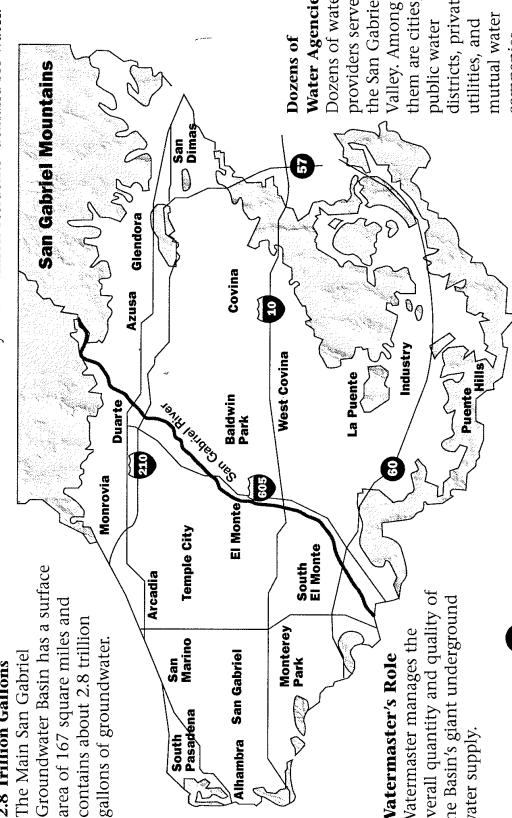
In 1991, the Los Angeles County Superior Court granted Watermaster the authority to control pumping for water quality purposes. Accordingly, Watermaster added Section 28 to its Rules and Regulations regarding water quality management. The new responsibilities included: developing this Five-Year Water Quality and Supply Plan; updating it annually, and submitting it to the California Regional Water Quality Control Board, Los Angeles Region (Regional Board); and making it available for public review by November 1 of each year.

Figure 1. AREA COVERED BY MAIN SAN GABRIEL BASIN

Precious Underground Water Supply

The Main San Gabriel Basin provides up to 90 billion gallons of groundwater annually, enough to meet 80 percent or more of San Gabriel Valley's 1.4 million residents' demand for water.

2.8 Trillion Gallons
The Main San Gabriel Groundwater Basin has a surface area of 167 square miles and contains about 2.8 trillion gallons of groundwater.



3 five-year water quality and supply plan

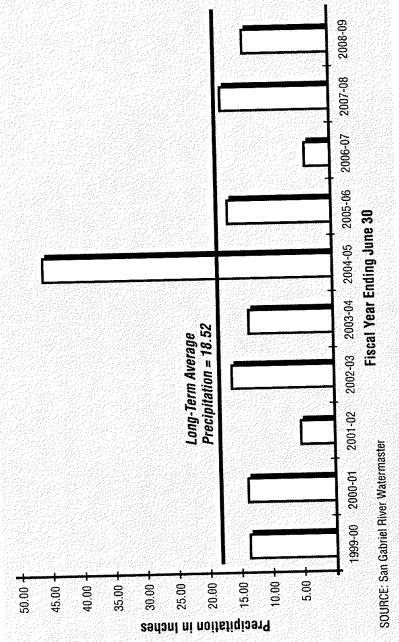
CURRENT WATER SUPPLY CONDITIONS

Rainfall in the San Gabriel Valley averaged about 14 inches during 2008-09, or about 76 percent of the long-term average. As a result of the below average rainfall, the groundwater level decreased by about seven feet during fiscal year 2008-09.

WATER SUPPLY INFLOWS DURING 2008-09

VALLEY RECEIVES BELOW AVERAGE RAINFALL

In 2008-09, the San Gabriel Valley received about 14 inches of rain, which is about 76 percent of the long-term average of 18.52 inches.



SOURCE: San Gabriel River Watermaster

Figure 2. AVERAGE RAINFALL DURING THE LAST TEN YEARS

Rainfall in 2008-09 was about 14 inches. Average precipitation in the Main San Gabriel Basin for the 10-year period from 1999-00 to 2008-09 was 18.7 inches. The long-term average rainfall is 18.52 inches. The rainfall total is made up of an average taken from four stations located in San Dimas, Diamond Bar, El Monte, and Pasadena.

LOCAL STORMWATER CAPTURE 30 PERCENT OF AVERAGE

During fiscal year 2008-09 rainfall was about 76 percent of normal and contributed to runoff of about 70,000 acre-feet, which is about 67 percent of normal. Fiscal year 2008-09 represents the fourth consecutive year of below average rainfall and the third consecutive year of below average storm water runoff. As a result, conservation of local storm runoff between 2006-07 and 2008-09 totaled about 150,000 acre-feet, while the long-term average would have represented about 315,000 acre-feet. The deficit of about 165,000 acre-feet (315,000 - 150,000) represents about 21 feet of groundwater elevation at the Baldwin Park Key Well. Had rainfall and local storm runoff been near normal, the Baldwin Park Key Well groundwater level as of June 30, 2009 could have been about 21 feet higher or about elevation 216 feet instead of the recorded elevation of about 195 feet.

BASIN DEMANDS BELOW AVERAGE

The total Main San Gabriel Basin water demand consists of groundwater production, treated local runoff, and treated imported water deliveries. During fiscal year 2008-09 total water demand was about 272,000 acre-feet consisting of about 236,800 acre-feet of groundwater production, 13,700 acre-feet of treated local surface water and 21,500 acre-feet of treated imported water. The total quantity is about 6 percent lower than the 10-year average of about 290,000 acre-feet despite having below average rainfall in 2008-09, which would tend to increase water demands. The reduction is a result of Watermaster's and others' efforts to promote and encourage water conservation. The Main San Gabriel Basin Watermaster annually establishes an Operating Safe Yield, which is based on prevailing hydrologic conditions in the San Gabriel Valley. Production in excess of the Operating Safe Yield is subject to an assessment used to purchase untreated imported water to replenish the Main San Gabriel Basin. Overproduction during fiscal year 2008-09 was 58,100 acre-feet, which is above the 10-year average of 43,900 acre-feet. Untreated replenishment water deliveries have not been made available by the Metropolitan Water District of Southern California (MWD) since May 2007. The lack of replenishment water combined with dry conditions created historic low water levels even with reduced production due to conservation efforts.

KEY WELL BELOW OPERATING RANGE

The Baldwin Park Key Well is used as the benchmark for determining the groundwater level for the entire Basin. Pursuant to the Judgment, Watermaster works to keep the Key Well water level between 200 feet and 250 feet to the extent possible. Below average rainfall over the past four years, coupled with below average storm runoff contributed to the Baldwin Park Key Well water level falling from about 248.4 feet in June 2005 to 195.6 feet in June 2009. The below average rainfall of 14 inches during 2008-09 contributed to the continued decrease in the groundwater elevation at the Key Well to about 195.6 feet as of June 30, 2009, which is 4.4 feet below the bottom of the operating range.

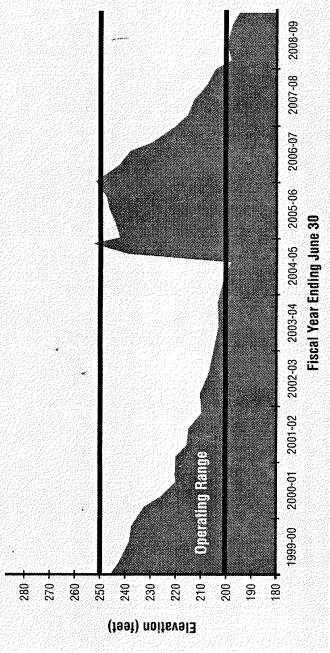
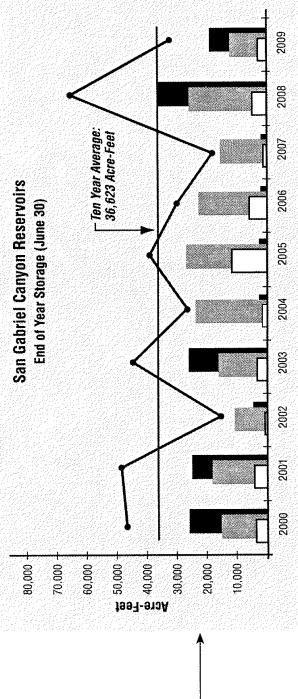


Figure 3. KEY WELL ELEVATIONS DURING THE LAST TEN YEARS
The groundwater elevation at the Key Well on June 30, 2009 was about 195.6 feet, which is below the bottom of the Basin's operating range of 200 to 250 feet.

DECREASE IN WATER STORED IN CANYON RESERVOIRS

Cogswell, San Gabriel, and Morris Reservoirs have a combined maximum storage capacity of about 85,000 acre-feet. At the end of the 2008-09 fiscal year, about 31,800 acre-feet of water was stored in these reservoirs. This is a decrease from the previous year and represents about 87 percent of the 10-year average of about 36,600 acre-feet of water in storage at the end of the fiscal year. In addition, about 70,000 acre-feet of local runoff was released from storage in local reservoirs for recharge into the ground-water basin during fiscal year 2008-09.

Figure 4. WATER STORED IN SAN GABRIEL CANYON RESERVOIRS



BASIN REPLENISHMENT ACTIVITIES

Basin management continues to encourage producers to maximize groundwater production instead of relying on treated imported water. Under normal conditions Watermaster quantifies groundwater production in excess of Producers' water rights and arranges to have an equal amount of untreated imported water delivered to replenish the overproduction from the Basin. This practice takes advantage of historically lower cost water and allows water agencies to deliver untreated imported water on a flexible basis instead of requiring a continuous flow, as is the case of treated water demands. Currently, deliveries of untreated imported water for groundwater replenishment by MWD have been suspended. This suspension of deliveries has been in place since May 2007. MWD has indicated untreated imported water may be available in only three out to 10 years in the future. Watermaster is actively pursuing alternative means of Basin replenishment including:

- shifting groundwater production to treated imported water deliveries to reduce overproduction from the Basin;
- encouraging reduced groundwater production through conservation efforts;

- securing alternative supplemental supplies including maximizing delivery of imported water from State Water Project contractors; and
- securing a firm supply of advanced treated recycled water.

PROJECTED GROUNDWATER DEMANDS

PRODUCER ESTIMATES

Section 28 requires that each Producer submit a report to Watermaster detailing its projected water supply and water production requirements over the following five years. Projections were received from 16 Producers, accounting for about 65 percent of the groundwater production from the Basin.

For those Producers who did not submit projections, Watermaster provided an estimate based on the assumption that each Producer had an aggregate projected growth rate that was the same as those Producers who did submit projections. Projected groundwater production is shown in Appendix A.

Figure 5 shows the total projected and historical groundwater production from the Basin since 2002-03.

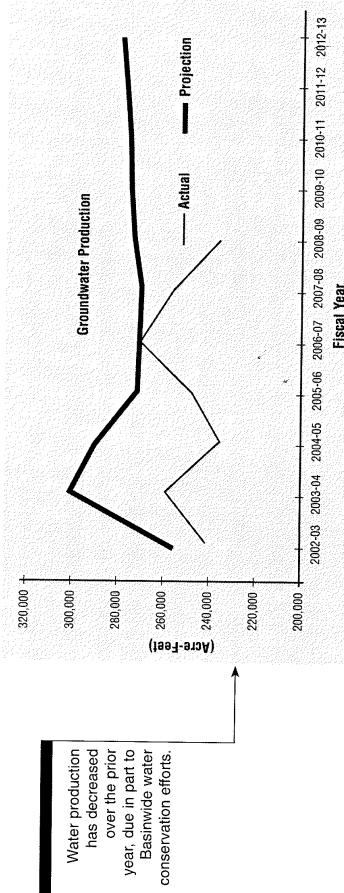


Figure 5. PROJECTED AND HISTORICAL WATER PRODUCTION
Total groundwater production for the 2008-09 fiscal year from the Basin was 236,800 acre-feet, which is lower than the previous year's production of 253,000 acre-feet. The decrease in groundwater production is due partially to Basin-wide water conservation.

Groundwater production is influenced by a variety of conditions, including population, seasonal precipitation, groundwater contamination, and availability of surface water. Excluding the impacts of seasonal precipitation, groundwater production had been experiencing a gradual increase. The impacts of groundwater contamination since the 1980s had caused several water agencies to reduce groundwater production and temporarily increase reliance on treated imported water. In recent years, various groundwater production and treatment facilities have become operational, enabling water purveyors to resume use of groundwater.

CURRENT WATER QUALITY CONDITIONS

Groundwater delivered to customers continues to be of high quality and always meets state and federal drinking water standards. However, a number of contaminants in areas of the Basin require careful monitoring and treatment before the water is served for domestic use. These contaminants include a variety of industrial solvents referred to as volatile organic compounds, or VOCs. Another common contaminant found in the Basin is nitrate, primarily from fertilizers used during the Valley's agricultural period. Since 1997, additional contaminants have been detected: perchlorate, a solid rocket fuel ingredient; N-nitrosodimethylamine (NDMA), associated with liquid rocket fuel; 1,2,3-trichloropropane (1,2,3-TCP), a degreasing agent; and 1,4-dioxane, a stabilizer for chlorinated solvents.

In response to the detection of these contaminants, Watermaster and local water entities aggressively pursued construction of treatment facilities to control the spread of contaminants and continue providing high quality water to consumers. This policy of remediation and reuse both preserves a valuable resource and reduces the overall cost of groundwater cleanup. Initially, a number of VOC treatment facilities were constructed, while excessive nitrate concentrations were blended down to acceptable levels. Since the detection of perchlorate and NDMA, Watermaster has been instrumental in the successful operation of treatment facilities to treat VOCs, perchlorate, and NDMA.

While only present in limited parts of the Basin, these chemicals pose difficult challenges to water Producers. Watermaster responded vigorously by working closely with the local water community to sponsor research, as well as to design, fund, and construct cleanup projects ahead of the USEPA and the firms named as responsible for the contamination. Watermaster also led negotiations that resulted in the Baldwin Park Operable Unit (BPOU) Project Agreement, including an initial reimbursement for groundwater cleanup costs from certain parties responsible for the contamination. Under the agreement, Watermaster is responsible for overall project coordination and administration, groundwater monitoring, and compliance with USEPA reporting requirements. Watermaster also participates in decisions regarding technology selection, construction, and operations. Now that all of the BPOU treatment facilities are operational, Watermaster also monitors the BPOU project's performance in containing and removing contamination.

PRIMARY CONTAMINANTS IN THE GROUNDWATER BASIN

VOCILE ORGANIC COMPOUNDS AND NITRATES

VOCs and nitrates are the most prevalent contaminants found in the Basin. Intensive monitoring and research concerning these two types of contaminants have been underway for many years. The location and cleanup methods for VOCs are generally well understood; during fiscal year 2008-09, 30 plants treated about 26 billion gallons of VOC-contaminated water. Water containing nitrates above the Maximum Contaminant Level (MCL) is either blended with other sources or not used.

Note in Figure 6 that although VOC contamination is substantial, it is centered in just a few areas, leaving a good portion of the Basin unaffected. The same is true for nitrates, which have the highest concentrations in the eastern portion of the Basin, away from the most productive pumping areas (see Figure 7).

PERCHLORATE

In January 2002, California Department of Public Health (CDPH), formerly the California Department of Health Services, lowered the Notification Level (NL) for perchlorate from 18 to 4 parts per billion, and a total of 22 wells were removed from service due to unacceptable levels of perchlorate. CDPH subsequently raised the NL to 6 parts per billion in March 2004 and later established an MCL of 6 parts per billion during October 2007. Watermaster played a key role in development of the first treatment technology to remove perchlorate from drinking water; ion exchange technology is now operational at five sites in the BPOU and at two facilities in other parts of the Basin.

Figure 6. VOLATILE ORGANIC COMPOUND LEVELS IN GROUNDWATER THROUGHOUT THE BASIN

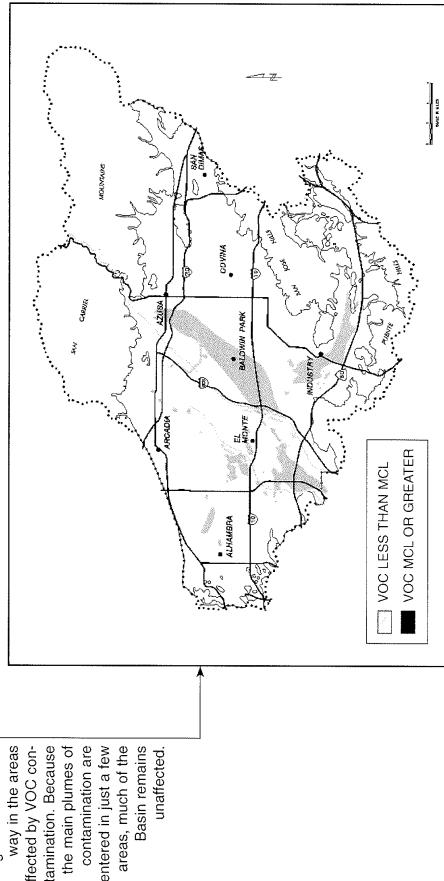
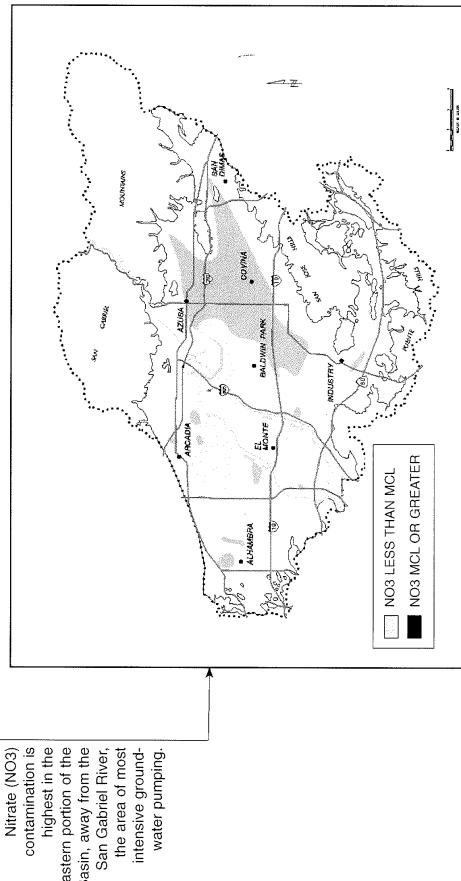


Figure 7. NITRATE LEVELS IN GROUNDWATER THROUGHOUT THE BASIN



NDMA

During 1998, eight local wells were found to contain levels of NDMA above the NL at that time of 2 parts per trillion. Five of the wells with measurable levels of NDMA had already been taken out of service for other reasons, and the other three were put on inactive status once NDMA was detected. CDPH subsequently raised the NL to 10 parts per trillion. As with perchlorate, Watermaster played a key role in the construction of NDMA treatment facilities in the BPOU area of the Basin. Five facilities were operational, during fiscal year 2008-09.

1,2,3-TRICHLOROPROPANE

The compound 1,2,3-trichloropropane is a degreasing agent that has been detected in the groundwater above the NL of 5 parts per trillion, primarily in the BPOU and the Area 3 OU. It was detected in the BPOU during the winter of 2006, and its presence delayed use of one treatment facility for potable purposes. Following detection, CDPH indicated the appropriate treatment technology is liquid phase granular activated carbon. Subsequently, Watermaster, in cooperation with its BPOU project partners, worked to construct treatment facilities to remove 1,2,3-TCP from the groundwater to make it suitable for potable uses. That treatment facility was operational during fiscal year 2008-09.

FIVE-YEAR WATER QUALITY AND SUPPLY PLAN

The Main San Gabriel Basin's designation as a federal Superfund site was prompted by the discovery of widespread VOC contamination. Cleanup plans were developed to contain and remove VOCs from groundwater, and Watermaster, along with various other local water agencies, water producers and regulators, has worked to develop the expertise, financing and treatment technologies to effectively address Basinwide cleanup of VOCs.

The discovery of perchlorate and NDMA, however, complicated the existing VOC cleanup approach by creating a number of challenges. Most important, these new contaminants could not be removed using existing treatment facilities, and new, additional treatment methods had to be identified, financed and implemented.

This report outlines a combined cleanup and water supply plan for each of the USEPA Operable Units. Watermaster's plan for each area is consistent with the USEPA plans, and its goal is to implement cleanup as promptly as possible, with or without the cooperation of the Responsible Parties.

GROUNDWATER MONITORING PROGRAMS

Monitoring involves measuring groundwater levels, groundwater quality, and groundwater flow. Watermaster continuously refines its understanding of the groundwater flow. Watermaster also increases its yield of the Basin, and to protect and improve local water quality.

WELLS ASSESSED FOR VULNERABILITY TO CONTAMINATION

One of the primary purposes of the Five-Year Plan is to identify wells in the Basin that are vulnerable to contamination. A well is considered vulnerable if the concentration of contaminants reaches 50 percent of the NL or MCL allowed by state drinking water regulations. Watermaster reviews water quality tests performed on each well, regional water quality conditions, and contaminant migration patterns in an effort to project which wells may be vulnerable over the next five years and prepare plans to construct treatment facilities, as needed. (See Figures 8a, 8b and 8c in Appendix F).

Watermaster maintains a Water Quality Protection Plan that provides an early warning to Producers of potential increases in contaminant levels. The Water Quality Protection Plan also provides suggested alternative sources of supply, and proposes long-term actions to solve the contamination problem(s) without contributing to the migration of contaminants in the Basin.

GROUNDWATER ELEVATION MONITORING

CONTINUE KEY WELL AND SUPPLEMENTAL

KEY WELL OPERATION AND DATA PROCESSING

The entire 167-square-mile groundwater Basin is managed as one unit based on the groundwater levels as measured at a single Key Well in Baldwin Park. Water levels have been measured at this well since 1903 and are currently measured every three hours by an automated recorder.

Additional groundwater level recorders have been installed near the Santa Fe Spreading Grounds; adjacent to the San Gabriel River above the I-210 Freeway; in the City of Rosemead; in the City of Covina; and near the Whittier Narrows Dam. These water level records are synchronized with the record in the Key Well. Collectively, water level data from these wells provide a better understanding of impacts of recharge operations at the Santa Fe Spreading Grounds on Basin hydrogeology. Water elevation data are collected semi-annually at about 170 additional wells throughout the Basin, and water level recorders may be installed in those wells over the next five years.

CONTINUE BASINWIDE GROUNDWATER ELEVATION MONITORING PROGRAM (BGWEMP)

The purpose of the BGWEMP is to obtain groundwater level measurements from a large number of wells across the Basin. The information is used to prepare groundwater contour maps showing the direction of groundwater flow. The data are also used in the Basin computer model to simulate future groundwater flow patterns. The BGWEMP plan for the coming years includes:

- taking weekly measurements of water levels in nine primary wells;
- gathering semi-annual measurements of water levels in 170 primary wells;
- obtaining water levels in secondary wells from well owners or water Producers, the San Gabriel Valley Protective Association, Regional Board, USEPA, and others;
- updating the database with water level data; and
- preparing semi-annual groundwater contour maps of the entire Basin.

GROUNDWATER QUALITY MONITORING

CONTINUE BASINWIDE GROUNDWATER

QUALITY MONITORING PROGRAM (BGWQMP)

Under the BGWQMP, all production wells in the Basin are sampled at least once a year for VOCs and nitrates. The frequency of BGWQMP sampling complements the monitoring requirements under state law and supplements information gathered through Regional Water Quality Control Board source investigations and USEPA remedial investigations. The data collected by BGWQMP are used to identify and evaluate the current locations and magnitude of contaminant levels.

CONTINUE TITLE 22 WATER QUALITY TESTING

Watermaster continues to perform CDPH-mandated Title 22 water quality sampling of groundwater from approximately 200 active wells in the Basin. Watermaster also continues to track regulations and inform local water purveyors about regulatory issues and requirements. Information from centralized water quality testing is added to Watermaster's water quality database, which contains data from many sources. The centralized testing enables Watermaster to identify water quality trends on a regional scale that might otherwise go unnoticed at a specific well and also lowers monitoring costs to Producers.

GROUNDWATER FLOW AND CONTAMINANT MIGRATION STUDIES

Groundwater level and quality data are entered into the Basin computer model, which simulates where contamination is projected to flow in the future. The goal is to project contaminant levels by areas in advance of the actual event, and identify remedial steps to be taken.

GROUNDWATER ELEVATION SIMULATIONS SHOW FUTURE PUMPING WILL NOT SIGNIFICANTLY CHANGE GROUNDWATER MOVEMENT

To determine the direction of groundwater flow through the Basin, Watermaster compiles the daily average 2008-09 production for each well, enters the data into the groundwater model, and simulates how production impacts water levels throughout the Basin. A computer simulation is then run using estimated production for 2013-14. These simulations indicate that the estimated increase in groundwater production during the next five years will not significantly change the overall direction of Basin groundwater movement, which continues to flow generally from east to west to a pumping trough in the western portion of the Basin, and also northeast to southwest,

Simulations of the direction of groundwater flow in 2008-09 and projections for 2013-14 show that the estimated increase in ground water pumping during this period would not significantly change the overall direction of Basin groundwater movement.

SIMULATE IMPACTS OF GROUNDWATER PUMPING ON CONTAMINANT MIGRATION

Simulations similar to the ones described above were used to make the finding that pumping particularly from USEPA mandated cleanup projects and managed by Watermaster helps to control and contain contaminant migration.

Groundwater quality data collected during 2008-09 and projected quality data for 2013-14 were entered into the groundwater model for the contamination migration studies. The computer model is used to simulate how the flow of water would affect the migration of contamination. The simulation showed that changes in groundwater flow did not have major impacts on the migration of contaminants (refer to Figures 9 and 10 in Appendix G).

GROUNDWATER CLEANUP PROJECTS

Watermaster coordinates and provides technical assistance on many cleanup projects in the Basin, although the cleanup facilities are owned and operated by local water utilities. Watermaster's involvement includes coordinating proposed USEPA cleanup programs such that treated water is retained in the Basin to well water demands and providing assurance that projects are consistent with the Judgment.

REVIEW OF SECTION 28 APPLICATIONS

Watermaster reviews every proposal to construct, destroy, or modify a well or build a treatment plant pursuant to Section 28 of its Rules and Regulations.

Watermaster's review ensures that any new or increased extractions from the Basin or any changes in production patterns are consistent with contamination cleanup efforts and will not adversely affect Basin water quality. In conjunction with the evaluation of an application to construct a new well or a treatment facility, Watermaster uses a computer model to predict the potential future impacts of each project on contaminant migration and Basin cleanup.

BASIN CLEANUP PROJECTS/USEPA OPERABLE UNIT PLANS

The USEPA established Operable Units for the various areas within the Basin that have been contaminated and require groundwater cleanup. The Operable Units are Area 3 (Alhambra area), Baldwin Park, Puente Valley, El Monte, South El Monte, and Whittier Narrows (See Figure 11). USEPA has established a methodical process that includes a review of the extent of contamination (Remedial Investigation), development of cleanup alternatives (Feasibility Study) and selection of the most appropriate cleanup plan (Proposed Plan). Following these activities, the USEPA issues a report identifying the agreed upon Cleanup Plan (Record of Decision). Subsequently, the project facilities are designed and constructed.

With USEPA plans generally in place, Watermaster is working with others to ensure cleanup plans also address local water supply needs.

With USEPA plans generally in place, Watermaster is working with others to ensure cleanup plans also address local water supply needs.

The USEPA has identified cleanup plans for nearly all the Operable Units. Unlike the USEPA, Watermaster is not only concerned with cleaning up the Basin, but also wants to ensure that the water supply needs of the region are met. With USEPA plans generally in place, Watermaster continues to work with affected Producers, Responsible parties, and others to implement solutions that not only provide effective cleanup and conform to the USEPA plans, but also meet local water supply needs.

This Five-Year Plan describes each of the Operable Units along with the USEPA proposed cleanup plan. In addition, Appendix A identifies current and projected groundwater production to address the contamination and to implement the cleanup plans. Wells that pump to an existing or planned treatment facility are shown in bold.

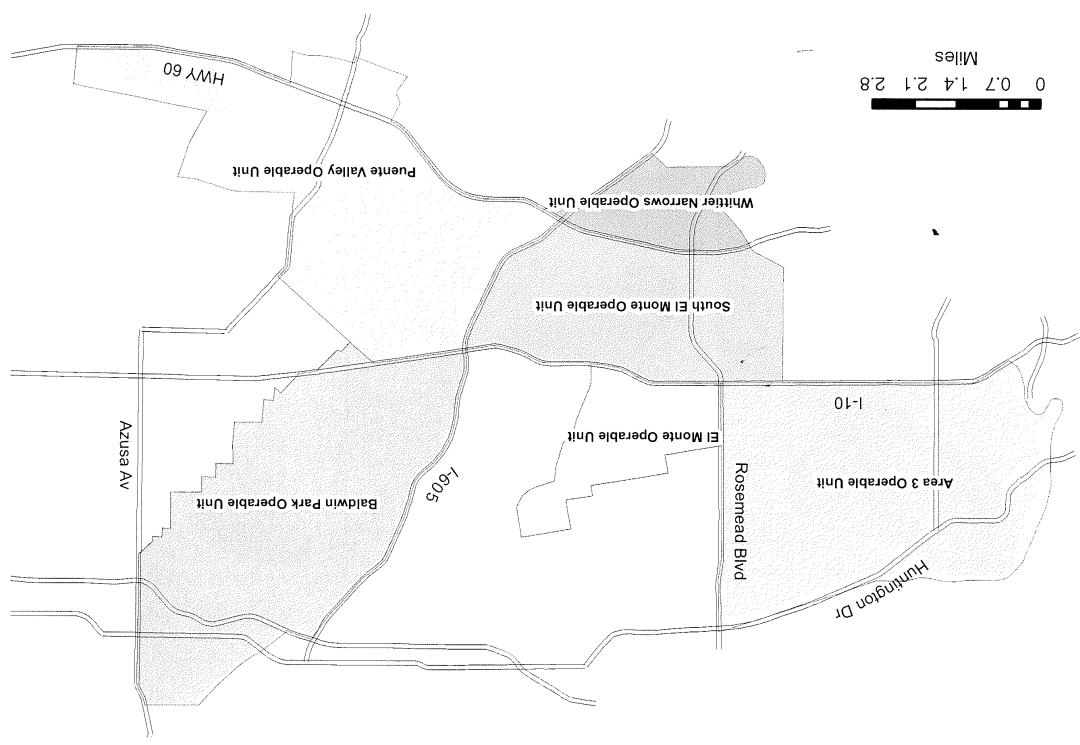
In areas where the groundwater supply has been affected by contamination, Watermaster works with affected Producers and other local water agencies to implement cleanup as quickly as possible, with or without the cooperation of the Responsible Parties. Watermaster and affected Producers continue to seek cost recovery from the Responsible Parties for any cleanup costs they incur.

BALDWIN PARK OPERABLE UNIT (BPOU)

The BPOU is a seven-mile-long, one-mile-wide area of groundwater contamination that lies east of the San Gabriel River, stretching from an area north of the I-210 freeway in Azusa to south of the I-10 freeway in Baldwin Park (see Figure 12). The contamination has primarily resulted from improper use and disposal of industrial chemicals in the Azusa area, and it continues to spread generally in a southwesterly direction.

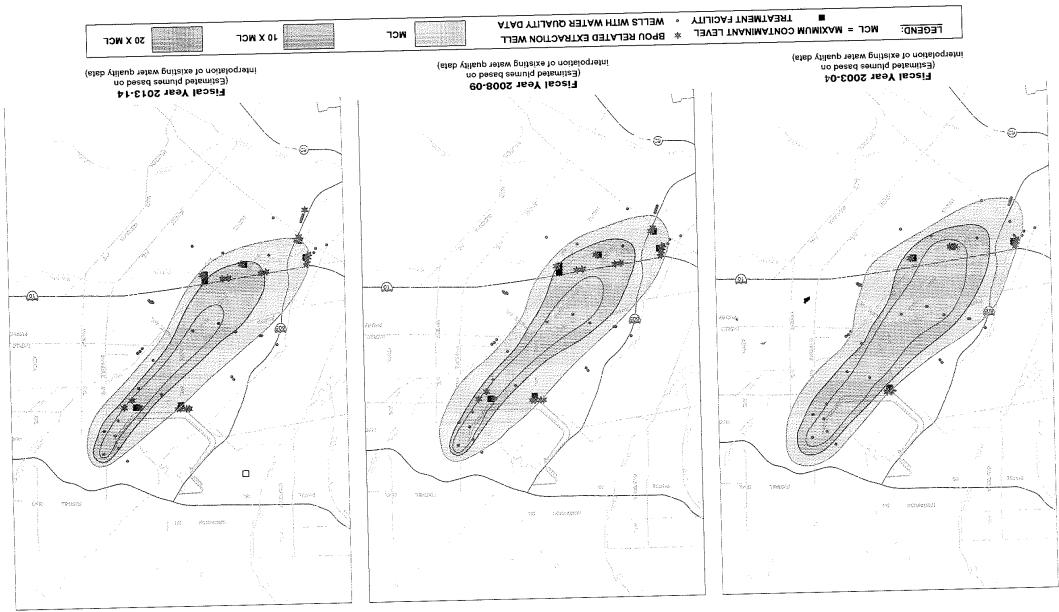
The USEPA originally issued its Record of Decision (ROD), or cleanup plan, for the BPOU in the mid-1990s. The ROD calls for plumping and treating groundwater in the northern area, where contaminant concentrations are highest, and also in the southern area to limit further migration of contaminants. The ROD involves pumping and treating an average of about 7,000 gallons per minute in the northern area and 16,000 gallons per minute in the southern area. The ROD also recommends the use of existing water supply wells, treatment systems, and pipelines when feasible. Importantly, the plan encourages adding the treated water to the potable supply, rather than simply recharging it back into the ground or disposing of it to storm drains.

Figure 11. LOCATION MAP OF USEPA OPERABLE UNITS



17 five year water quality and supply plan

Figure 12. VOC PLUME MAP IN BPOU



18 main san gabriel basin watermaster

Figure 13. PERCHLORATE PLUME MAP IN BPOU

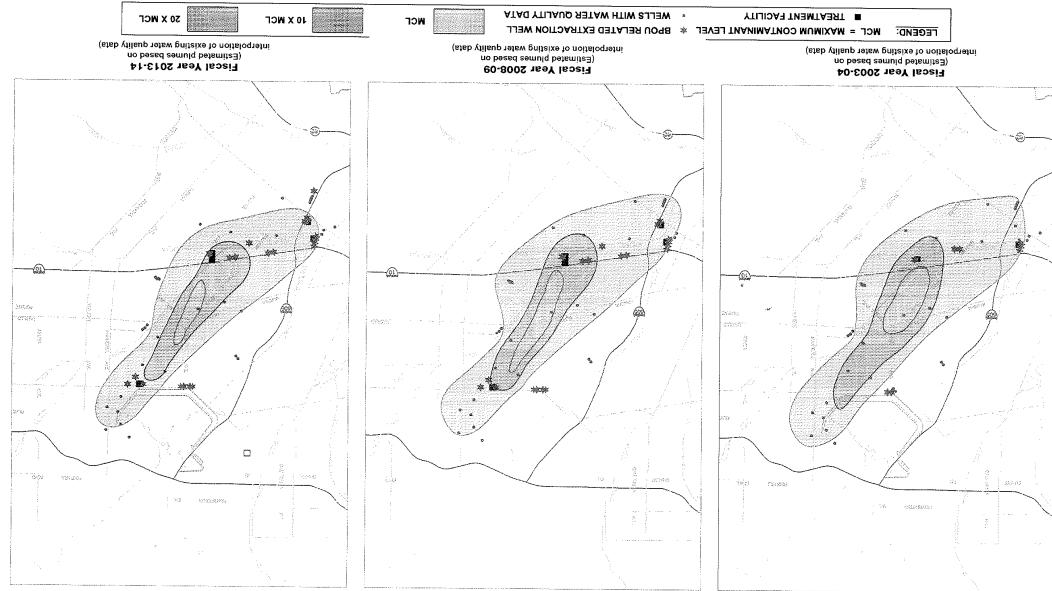


Figure 14. LOCATION MAP OF BPOU

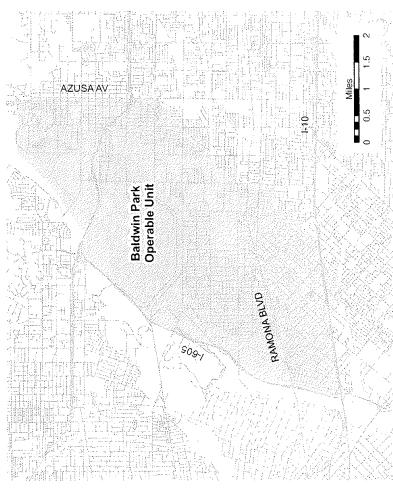


Figure 15. LOCATION MAP OF SEMOU

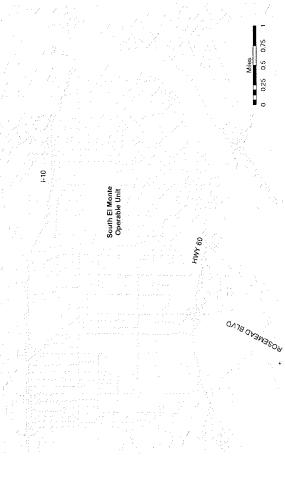


Figure 16. LOCATION MAP OF EMOU

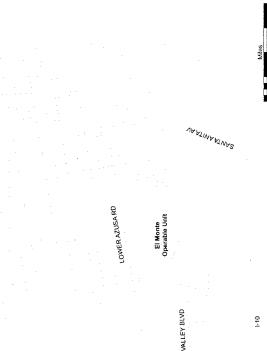


Figure 17. LOCATION MAP OF PVOU



Figure 18. LOCATION MAP OF WNOU

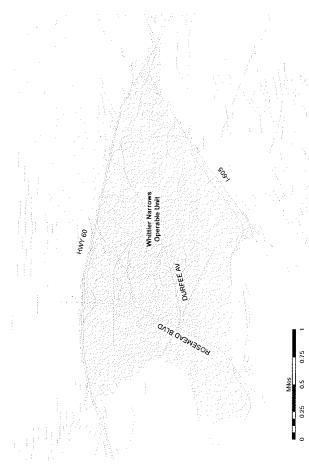
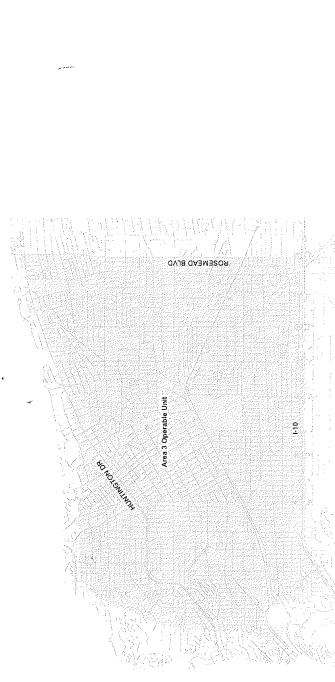


Figure 19. LOCATION MAP OF AREA 3



The discovery of perchlorate and NDMA during the late 1990s resulted in the shutdown of numerous treatment facilities, including the La Puente Valley County Water District (LPVCWD) Plant and San Gabriel Valley Water Company (SGVWC) Plant B6 that were designed by local water agencies to remove VOCs, but not the new contaminants. Shutting down the VOC treatment plants allowed contaminants to migrate southward into previously unaffected areas, in turn forcing the shutdown of other water supply wells.

In 2002, after several years of negotiation led by Watermaster, eight of the BPOU Responsible Parties (called Cooperating Respondents, or CRs) and seven water entities signed the BPOU Project Agreement. Under this landmark agreement, Watermaster continues to provide overall project management and project coordination services. The CRs have paid the cost to construct and will provide funding to operate the USEPA-required BPOU cleanup facilities for about 15 years. Several water purveyors own and operate the facilities and use the highly treated water in their water systems. The San Gabriel Basin Water Quality Authority (WQA) has obtained outside funds to help construct necessary treatment facilities, extraction wells and pipelines.

The BPOU Project consists of four centralized treatment facilities with a combined extraction and treatment capacity of up to 25,900 gpm. Those treatment facilities are located at Valley County Water District's Lante Plant (7,800 gpm), San Gabriel Valley Water Company's Plant B6 (7,800 gpm) and Plant B5 (7,800 gpm), and La Puente Valley County Water District's (LPVCWD) site (2,500 gpm). The location of these treatment facilities is shown on Figure 12.

VCWD PROJECT

In the northerly portion of the BPOU, the VCWD Project consists of three extraction wells, including two new wells, pumping up to 7,800 gpm (average annual rate of 7,000 gpm) to a centralized treatment facility at the VCWD Lante Plant. The VCWD Project consists of separate facilities to treat VOCs, 1,2,3-TCP, perchlorate, NDMA, and 1,4-dioxane. In addition, a treated water pipeline provides up to 6,000 gpm of fully treated water to Suburban Water Systems (SWS) to offset production lost due to contamination of some of its wells; VCWD will use the remaining portion of the treated water. The VCWD Project began operation for contamination cleanup in 2006 and received its CDPH operating permit in July 2007 to provide potable water to customers, and is operational. Since operation began in 2006, the VCWD treatment facility has treated about 25,500 acre-feet and has removed about 14,100 pounds of contaminants.

VCWD and its BPOU partners are coordinating the construction of a new ion exchange facility that will remove perchlorate more cost effectively. Construction and startup testing of the new ion exchange facility is anticipated to be completed during fiscal year 2009-10 while the existing VCWD treatment facility continues to provide treated water for municipal use.

L PVCWD PROJECT

The LPVCWD consists of three existing production wells. Well pumping capacity is limited to 2,500 gpm to equal the capacity of the treatment facility. The LPVCWD project consists of separate facilities to treat VOCs, perchlorate, NDMA and 1,4-dioxane. The LPVCWD project is permitted by CDPH and has been operating since March 2001. Treated water in excess of LPVCWD's needs is provided to SWS to enable the treatment facility to be operated on a continuous basis. Since operation began, the LPVCWD treatment facility has treated about 39,000 acre-feet (including prior operations with only VOC treatment) and removed about 7,900 pounds of contaminants.

During fiscal year 2008-09, LPVCWD constructed a new ion exchange facility that will remove perchlorate more cost effectively. The ion exchange facility operational testing, CDPH permitting and full scale operation for potable use is anticipated to occur during fiscal year 2009-2010.

SGVWC B6 PROJECT

The SGVWC B6 project is permitted by CDPH and has been operational since July 2005. The B6 project consists of four new extraction wells and a centralized treatment facility that treats up to 7,800 gpm (average annual rate of 7,000 gpm). The treatment facility treats the contaminated groundwater for VOCs, perchlorate, NDMA, and 1,4-dioxane. The treated water is provided to SGVWC customers. Since operation began, the SGVWC B6 treatment facility has treated about 61,000 acre-feet, (including prior operations with only VOC treatment), and removed about 9,100 pounds of contaminants.

The BPOU project partners are coordinating the construction of a new ion exchange facility, similar to the ones at the LPVCWD project and the VCWD Project. Construction of the new ion exchange facility began during fiscal year 2008-09 while the existing treatment facility continues to provide treated water for municipal use. Treatment facility operational testing, CDPH permitting and full scale operation for municipal use is anticipated to occur during fiscal year 2009-10.

SGVWC B5 PROJECT

The SGVWC B5 Project consists of one new extraction well along with two existing wells that will provide up to 7,800 gpm (average annual rate of 7,000 gpm) to a centralized treatment facility located at the SGVWC B5 site. The treatment facility will treat the contaminated water for VOCs, perchlorate, NDMA, and 1,4-dioxane. Following receipt of a permit from CDPH, the treated water will be provided to City of Industry customers (1,200 gpm) and the balance (6,600 gpm) provided to SGVWC customers. The SGVWC B5 Project was permitted by CDPH in fiscal year 2007-08. Since operation began in 2007 the SGVWC B5 treatment facility has treated about 18,700 acre-feet and has removed about 460 pounds of contaminants.

PURVEYOR PROJECTS

In addition to the USEPA-required BPOU facilities, several water purveyors have built treatment facilities at other wells within the BPOU area to meet water supply needs until the USEPA remedy prevents the continued spread of contamination. California Domestic Water Company (CDWC) has constructed facilities at its wellfield to remove VOCs, perchlorate and NDMA. Similarly, Watermaster has issued permits under Section 28 to SWS to construct new wells that also are being used to blend with wells impacted by contaminants. These activities reduce reliance on expensive imported water and contribute to contaminant removal.

BPOU CLEANUP PROGRESS

Watermaster regularly reviews water quality data to evaluate the impact the production wells and specially constructed extraction wells have on control of contamination migration. It is difficult to develop a precise picture of the geographic extent of contamination because water quality is obtained from numerous wells that produce water from different depths below the groundwater table. Figure 12 shows the approximate geographic extent of VOC contamination and operating VOC treatment facilities from about five years ago, and from current data. In addition, the anticipated treatment facilities and the approximate geographic extent of VOC contamination, using engineering judgment, for five years in the future is also shown on Figure 12. The 2008-09 plume indicates the addition of supplemental treatment has enabled several VOC treatment facilities to resume operation, which has in turn, begun to control plume movement. It also indicates that, as a result of below average groundwater replenishment, groundwater flow has shifted VOC contamination to the west in the northwestern portion of the plume. In the future, Watermaster anticipates the area of the VOC plume will begin to decrease, as shown on the 2013-14 plume. Similarly, Figure 13 shows the approximate geographic extent of perchlorate. The series of three plume characterizations and facility indicators show that in 2003-04 treatment existed at only one site. With the construction and operation of treatment facilities (2008-09), plume movement is expected to be controlled and, similar to VOCs, begin to decrease in the future (2013-14).

Watermaster will continue to coordinate BPOU cleanup activities among the various parties to the BPOU Project Agreement over the next 10 years, including interfacing with USEPA, overseeing agreements between water purveyors to use the treated water, and providing accounting services to track BPOU Project costs and funds received. With all of the BPOU facilities now operational, Watermaster is also coordinating collection of field data, such as water production, water quality and water levels, and is providing BPOU Project performance reports to USEPA in cooperation with the CRs.

The projects will ensure that there is an adequate water supply for the BPOU area. These projects are consistent with the USEPA ROD, meet contaminant removal and containment requirements, and meet local water supply needs.

SOUTH EL MONTE OPERABLE UNIT

The South El Monte Operable Unit (SEMOU) covers approximately eight square miles in the south-central portion of the Basin. It is bounded by the I-10 Freeway, the 60 Freeway, the I-605 Freeway, and San Gabriel Boulevard. (See Figure 11). A ROD for the SEMOU was issued in 2000 addressing VOC contamination in a limited area. Subsequently, additional water supply wells became contaminated and new contaminants, including perchlorate, were detected in wells in the SEMOU area. In November 2005, USEPA revisited its ROD and issued an Explanation of Significant Differences (ESD) indicating that SEMOU cleanup projects would also address treatment of perchlorate. Since a perchlorate source has not yet been identified in that area, the Responsible Parties (RPs) objected to a requirement to pay for perchlorate treatment, and negotiations for the RPs to fund SEMOU groundwater cleanup activities have been moving slowly.

In the meantime, area water purveyors who were impacted by contaminant migration and new perchlorate detections were forced to construct new or additional treatment facilities to maintain safe, reliable water supplies. The City of Monterey Park, San Gabriel Valley Water Company, and Golden State Water Company (GSWC) have all constructed new or additional treatment facilities within SEMOU. The San Gabriel Basin Water Quality Authority (WQA) has assisted these Producers by providing outside funding to help offset project costs.

MONTEREY PARK PROJECT. Monterey Park constructed a water treatment facility at its Delta Plant to treat VOCs and perchlorate. Monterey Park Well No. 9 (which only had detectable concentrations of VOC) began operating through the VOC treatment facility in April 2002. Following construction and permitting of the perchlorate treatment facility, Monterey Park Well No. 12 began operation in spring 2005. Monterey Park began operation of Well No. 15 in summer 2006. Future production primarily will be from Monterey Park Wells No. 12 and No. 15 to operate consistent with the SEMOU ROD. Watermaster and Monterey Park maintain data on water quality in monitoring wells located upgradient of Wells No. 9, 12, and 15. Since the treatment facility began operation, over 27,200 acre-feet of water has been treated and about 3,500 pounds of contaminants removed from the groundwater.

SAN GABRIEL VALLEY WATER COMPANY (SGVWC) PLANT 8 PROJECT. SGVWC Plant 8 VOC Treatment Facility has a capacity of 5,000 gpm and has been in operation since fiscal year 2001-02. In response to increasing VOC concentrations, SGVWC voluntarily constructed supplemental VOC treatment at Plant 8. The supplemental VOC treatment facility was permitted by CDPH in September 2006 and went on line in December 2006. Since the original VOC treatment facility operation, over 22,500 acre-feet of water has been treated and about 2,000 pounds of contaminants have been removed from the groundwater.

GOLDEN STATE WATER COMPANY (GSWC) PROJECT. GSWC VOC treatment facility at San Gabriel Wells No. 1 and 2 had been permitted and operating. However, with the establishment of the revised Perchlorate NL in 2002, GSWC voluntarily removed the wells from operation. Subsequently, GSWC installed an ion exchange system to remove perchlorate and has resumed operation at its San Gabriel Well No. 1. The treatment facility has treated about 6,700 acre-feet of water and removed about 290 pounds of contaminants.

EL MONTE OPERABLE UNIT

The El Monte Operable Unit (EMOU) covers an area of about 10 square miles in the south-central portion of the Basin. It is bounded by the I-10 Freeway in the south, Rosemead Boulevard in the west, and Santa Anita Avenue and Rio Hondo on the east. The northern boundary generally follows Lower Azusa Road (see Figure 11). While shallow contamination is found throughout the EMOU, deep (intermediate zone) contamination is found in the northwest and easterly area of the EMOU.

The USEPA's ROD for the EMOU includes numerous small, shallow extraction wells and treatment, along with two areas of deep extraction and treatment. Due to generally poor water quality in the area, the shallow groundwater will not be used for a portable supply. The deep extractions are recommended for potable use by local water purveyors. The remediation efforts are separated into "Westside" and "Eastside" activities.

WESTSIDE PROJECTS. On the Westside there are plans for cleanup contaminants occurring in the shallow aquifer. Watermaster is coordinating with the Westside entities to address the disposition of the treated water. The deep zone extraction and treatment in the northwest area is being accomplished by the existing Encinita Wellfield and Treatment Facility owned by GSWC, which began operation during 1998. During July 2002, USEPA issued an Explanation of Significant Differences (ESD), which indicated that perchlorate, NDMA, 1,4-dioxane, and hexavalent chromium had been detected in excess of CDPH notification levels. In the event water from extraction wells cannot be blended to acceptable levels, additional treatment facilities will need to be installed, significantly increasing cleanup costs. Thus far, extraction and treatment of VOCs at GSWC Encinita plant have not been impacted.

EASTSIDE PROJECTS. The remediation on the Eastside will also involve cleanup of contaminants in the shallow aquifer. Final disposition of the water has not yet been determined and is still being coordinated by the Watermaster. The VOC contamination in the deep aquifer is anticipated to be produced from three wells and the fully treated water will be provided to the City of El Monte. Watermaster will continue to assist with data collection and permitting of facilities over the next five years.

PUENTE VALLEY OPERABLE UNIT

The Puente Valley Operable Unit (PVOU) lies in the southeastern portion of the Basin, essentially bounded by the 60 Freeway in the south, Azusa Avenue in the east, and the I-10 Freeway in the north (see Figure 11). The PVOU encompasses the Puente Valley, which is tributary to the southeasterly portion of the Basin. Contamination in the PVOU includes various VOCs. All aquifers within the PVOU (shallow, intermediate, and deep) are considered sources for municipal water supplies. The USEPA has issued a ROD for the PVOU. The plan identified in the ROD includes extraction and treatment of groundwater within the shallow and intermediate zones from wells located in the center of the PVOU.

SHALLOW ZONE PROJECT. The cleanup plan for shallow zone contamination includes nine wells that will collectively produce about 1,000 gpm. Due to the poor quality of shallow zone water (which is high in naturally-occurring dissolved solids), the water will not be used as drinking water, but will instead be treated to remove VOCs and will then be recharged back into the Basin. Watermaster is currently working with USEPA, Carrier Corporation and the Responsible Party to develop an agreement to allow production and discharge of the PVOU shallow zone water. The shallow zone project is currently anticipated to be operational during fiscal year 2010-11.

INTERMEDIATE ZONE. The proposed location of the intermediate zone treatment facility is also shown on Figure 17. Watermaster is working with USEPA, PRPs and local water entities to develop a cleanup solution that meets portable water supply needs. Approximately 1,000 gpm will be produced from the intermediate zone extraction wells, treated and used for portable purposes by a local water purveyor. The intermediate zone project is currently anticipated to be operational during fiscal year 2010-11.

WHITTIER NARROWS OPERABLE UNIT

The USEPA has declared that the WNOU is a "fund-lead" project, meaning that the USEPA (with the state) has funded the design, construction, and operation of the remedy and will seek cost recovery from Responsible Parties later. The USEPA cleanup plan involves a series of shallow and intermediate zone extraction wells with treatment. The total extractions are estimated to be about 11,000 gallons per minute (5,000 gpm shallow and 6,000 gpm intermediate zone).

INTERMEDIATE ZONE PROJECT. The City of Whittier has obtained a CDPH permit to use the 6,000 gpm of treated intermediate zone water for municipal use instead of producing water from its existing wells. Since production began in late 2005, about 16,500 acre-feet of groundwater has been treated and about 750 pounds of contaminants removed.

SHALLOW ZONE PROJECT. During fiscal year 2002-03 NDMA was detected in some of the shallow extraction wells, prolonging the testing and review process for the shallow zone water through June 2007. Studies indicate the shallow zone contamination could be adequately contained at an extraction rate of 2,500 gpm. The production agreement between USEPA and Watermaster to pump and discharge shallow zone water expired as of June 30, 2007, and further shallow zone treatment was temporarily suspended while the parties worked to determine an acceptable and appropriate long-term use of the water. Following several meetings, Watermaster entered into a production agreement with USEPA and the County of Los Angeles. Treated shallow zone water is being discharged to Legg Lake. A portion of the treated water is reported by the County of Los Angeles to Watermaster as production and the balance of the treated water will flow out of Legg Lake and percolate into the Basin. The shallow zone wells resumed operation in March 2008.

Since production began at the WNOU facility, over 23,000 acre-feet of groundwater has been treated, and over 1,600 pounds of contaminants have been removed.

AREA 3 OPERABLE UNIT

The Area 3 Operable Unit is located in the westerly portion of the Basin. It is generally bounded on the south by the I-10 Freeway, on the east by Rosemead Boulevard, on the North by Huntington Drive and on the west by the boundary of the Main Basin (see Figure 11). USEPA has installed five monitoring wells to collect water quality data to supplement data collected from water supply wells and has initiated a Remedial Investigation and Feasibility Study to identify the extent of the contamination and to evaluate appropriate cleanup remedies. In addition, Watermaster issued a permit during 2005-06 to the City of Alhambra to construct a treatment facility to remove VOCs from wells No. 7, 8, 11 and 12. The treatment facility became operational in April 2009 prior to USEPA's development of a final remedy but is necessary for Alhambra to receive a reliable source of supply from the groundwater basin.

PRODUCERS' WATER SUPPLY PLANS

Watermaster's Water Quality Protection Plan provides early warning to Producers before their wells are found to exceed drinking water quality standards. The Plan also contains pre-analyzed suggestions to the Producers for responding to the presence of contaminants.

WATER SUPPLY PLANS TO MEET PROJECTED DEMANDS

Water Producers propose to construct 10 new wells and build 4 treatment plants during the next five years. Watermaster will continue providing the following services to assist Producers in meeting water demand:

- investigate all new or increased water extractions;
- provide computer modeling and technical support on treatment issues concerning the impact of extractions on contaminant migration;
- prioritize areas requiring further investigation, and coordinate with Producers on water supply modifications; and
- direct changes in pumping or treatment as necessary.

CONDUCT STUDIES, MONITORING AND INVESTIGATIONS

The Main San Gabriel Groundwater Basin is very complex, covering 167 square miles and holding about 2.8 trillion gallons of water. Water enters the Basin from countless natural and man-made locations, and is extracted from over 200 wells operated by dozens of independent Producers. Watermaster conducts special studies to identify projected water demands and to increase understanding of the Basin, so that it can be managed in a way that preserves and improves its water supply and quality. In addition, Watermaster routinely reviews available data and is prepared to construct new monitoring wells to obtain supplemental water level and water quality data to better manage the Basin.

LANDFILL INSPECTIONS

Watermaster routinely conducts on-site inspections of area landfills to ensure they are operated in a way that does not allow contaminants to seep into the groundwater. Watermaster reports any violations of Waste Discharge Requirements to the Regional Water Quality Control Board for enforcement.

IDENTIFY AND REDUCE POTENTIAL SOURCES OF CONTAMINATION

COOPERATE WITH THE REGIONAL WATER QUALITY CONTROL BOARD

Since 1993, Watermaster has obtained information from the Regional Board about sources of VOC contamination in the Basin as part of the Regional Board investigations of potential contaminated sites. The information includes a description of all potential sources of contamination investigated by the Regional Board, including:

- maps showing the location of all investigation sites;
- available cause-and-effect relationships between pollution sources and contaminated wells; and
- plans and tentative schedules to abate the source of pollution and to clean up the soil and water.

Watermaster has reviewed a large amount of information gathered in Regional Board files and entered it into a database. This information is used in Watermaster's Section 28 process to help evaluate changes in pumping practices in relation to known contamination sources.

AQUIFER PERFORMANCE TESTS

The Aquifer Performance Tests are conducted as required for the entire Basin that assists Watermaster has developed a groundwater flow model for the entire Basin that assists in evaluating the potential impacts of changes in groundwater production.

Although Watermaster completed its three-year Aquifer Performance Test investigation, additional tests will be conducted as required for Section 28 applications or for other needs. A tabulation of potential Aquifer Performance Test investigation sites is included in Appendix D. The sites identified include a pumping well and at least one monitoring well. The tests provide information on the characteristics of the aquifer, such as transmissivity, hydraulic conductivity, and coefficient of storage. The information gathered on aquifer characteristics will support cleanup activities including groundwater model development and calibration (see Appendix D).

DIRECTORY TO APPENDICES

The Following Appendices Are Found in This Section:

- A. Projected Groundwater Demands from 2009-10 to 2013-14
- B. Simulated Changes in Groundwater Elevations at Wells or Wellfields in Main San Gabriel Basin
- C. Highlights of Volatile Organic Compounds and Nitrate Concentrations and Wells Vulnerable to Contamination
- D. Potential Sites for Aquifer Performance Tests
- E. Summary of Treatment Facility Activity in the Main San Gabriel Basin
- F. Maps Showing Wells Vulnerable to VOC, Nitrate and Perchlorate Contamination Within Five Years (Figures 8a, 8b, and 8c)
- G. Simulated Basin Groundwater Contours 2008-09 and 2013-14 (Figures 9 and 10)

APPENDIX A.

PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

APPENDIX A

PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

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PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

APPENDIX A

PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

RECORDEDATION NUMBER	WELL NAME	WELL CAPACITY ACRE-FEET	GPM	PROJECTED GROUNDWATER DEMANDS		
				2008-09 PRODUCTION	2009-10 2010-11	2011-12 2012-13
1	1	1	1	1	1	1

PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

RECORDATION NUMBER	WELL NAME	WELL CAPACITY GPM	ACRE-FEET	PROJECTED GROUNDWATER DEMANDS			
				2008-09 PRODUCTION	2009-10	2010-11	2011-12
SUBTOTAL:							
CLAYTON MANUFACTURING COMPANY	NA	NA	0.00	0.00	0.00	0.00	0.00
1901055 1900170	2 MW-4	NA NA	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
SUBTOTAL:							
COLLISON, E.O.	NA	NA	0.00	0.00	0.00	0.00	0.00
1902968	NA	NA	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:							
VULCAN MATERIALS COMPANY (CALMAT COMPANY)	NA	NA	0.00	0.00	0.00	0.00	0.00
1902900 1902908	E DUR 4 REL W DUR	6,386 4,658	3,0569 2,522	256.97 261.49	289.56 338.67	342.35 352.77	363.75 374.82
8000055	NA NA	NA NA	91.77	91.77	98.32	104.88	111.43
SUBTOTAL:							
CORCORAN BROS.	NA	NA	0.00	0.00	0.00	0.00	0.00
1902814	1	NA	NA	0.00	0.00	0.00	0.00
SUBTOTAL:							
COUNTY SANITATION DISTRICT NO. 18							
80000089	2	NA	0.00	0.00	0.00	0.00	0.00
80000099	3	NA	0.00	0.00	0.00	0.00	0.00
8000104	LE 1	NA	0.00	0.00	0.00	0.00	0.00
8000105	LE 2	NA	0.00	0.00	0.00	0.00	0.00
8000106	LE 3	NA	0.00	0.00	0.00	0.00	0.00
8000107	LE 4	NA	0.00	0.00	0.00	0.00	0.00
8000128	LE9A	NA	0.00	0.00	0.00	0.00	0.00
8000130	E10A	NA	0.00	0.00	0.00	0.00	0.00
8000131	E11A	NA	0.00	0.00	0.00	0.00	0.00
8000141	EX1	NA	0.48	0.45	0.45	0.45	0.45
8000142	EX2	NA	0.37	0.35	0.35	0.35	0.35
8000143	EX3	NA	0.08	0.08	0.08	0.08	0.08
8000144	EX4	NA	0.06	0.06	0.06	0.06	0.06
8000153	E16A	NA	1.24	1.17	1.17	1.17	1.17
8000154	E17A	NA	2.48	2.34	2.34	2.34	2.34
8000155	E18A	NA	0.67	0.63	0.63	0.63	0.63
8000156	E19A	NA	1.30	1.23	1.23	1.23	1.23
8000173	E20A	NA	1.95	1.56	1.56	1.56	1.56
8000161	E20	NA	0.24	0.23	0.23	0.23	0.23
8000162	E20R	NA	0.05	0.05	0.05	0.05	0.05
8000163	E20R	NA	0.63	0.97	0.97	0.97	0.97
8000164	E20R	NA	1.83	1.73	1.73	1.73	1.73
8000165	E20R	NA	2.44	1.93	1.93	1.93	1.93
8000166	E20R	NA	0.75	0.71	0.71	0.71	0.71
8000167	E20R	NA	0.37	0.35	0.35	0.35	0.35
8000168	E20R	NA	1.23	1.16	1.16	1.16	1.16
SUBTOTAL:							
AZUSA ASSOCIATES LLC (COFFELL, ET AL.)	NA	NA	15.87	15.00	15.00	15.00	15.00
SUBTOTAL:							
DALTON	NA	NA	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:							
COVINA CITY OF	NA	NA	0.00	0.00	0.00	0.00	0.00

APPENDIX A
PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

APPENDIX A
PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

PROJECTED GROUNDWATER DEMANDS									
RECORDATION NUMBER	WELL NAME	WELL CAPACITY GPM	ACRE-FOOT	2008-09		2009-10		2010-11	
				PRODUCTION	DEMAND	PRODUCTION	DEMAND	PRODUCTION	DEMAND
SUBTOTAL:									
SUBTOTAL:	COVINA IRRIGATING COMPANY (1)	968	600	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900882	3,549	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900883	2,260	2,000	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
SUBTOTAL:	1900885	1,560	1,367.94	1,600.00	1,600.00	1,600.00	1,600.00	1,600.00	1,600.00
SUBTOTAL:	1900886	2,420	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900888	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900889	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900890	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	9,194	5,700	5,282.77	6,000.00	7,000.00	7,000.00	7,000.00	7,000.00	7,000.00
SUBTOTAL:	CREVOLIN, A.J.	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	8000011	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	CROWN CITY PLATING COMPANY	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	8000012	01	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	DAVIDSON OPTRONICS INC.	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	8000013	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	DAWES, MARY K.	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1902862	04	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	DEL RIO MUTUAL WATER COMPANY(1)	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900331	BURKE KLING	261	162	117.89	125.00	125.00	125.00	125.00
SUBTOTAL:	1900332	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	261	162	117.89	125.00	125.00	125.00	125.00	125.00	125.00
SUBTOTAL:	DRIFTWOOD DAIRY	165	149.92	150.00	150.00	150.00	150.00	150.00	150.00
SUBTOTAL:	1902924	01	298	165	149.92	150.00	150.00	150.00	150.00
SUBTOTAL:	DUNNING, GEORGE	1900081	1910	NA	NA	0.00	0.00	0.00	0.00
SUBTOTAL:	EAST PASADENA WATER COMPANY, LTD.(1)	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	11901508	9	2,500	1,550	1,454.34	1,773.69	1,791.43	1,809.34	1,827.43
SUBTOTAL:	2,500	1,550	1,454.34	1,773.69	1,791.43	1,809.34	1,827.43	1,827.43	1,827.43
SUBTOTAL:	EL MONTE, CITY OF (1)	1,532	950	383.59	424.23	424.23	424.23	424.23	424.23
SUBTOTAL:	1901692	2A	1,536	1,200	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1901693	3	2,258	1,400	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1901694	4	NA	NA	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1901695	5	NA	NA	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1901696	10	2,420	1,500	454.79	502.97	502.97	502.97	502.97
SUBTOTAL:	1901697	11	NA	NA	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1901698	507	500	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1902812	MT VV	NA	NA	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	5 of 16	1902851	1	NA	NA	NA	NA	NA	NA

PROJECTED GROUNDWATER DEMANDS									
RECORDATION NUMBER	WELL NAME	WELL CAPACITY GPM	ACRE-FOOT	2009-10		2010-11		2011-12	
				PRODUCTION	DEMAND	PRODUCTION	DEMAND	PRODUCTION	DEMAND
SUBTOTAL:									
SUBTOTAL:	COVINA IRRIGATING COMPANY (1)	968	600	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900882	3,549	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900883	2,260	2,000	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
SUBTOTAL:	1900885	1,560	1,367.94	1,600.00	1,600.00	1,600.00	1,600.00	1,600.00	1,600.00
SUBTOTAL:	1900886	2,420	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900888	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900889	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900890	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	9,194	5,700	5,282.77	6,000.00	7,000.00	7,000.00	7,000.00	7,000.00	7,000.00
SUBTOTAL:	CREVOLIN, A.J.	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	8000011	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	CROWN CITY PLATING COMPANY	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	8000012	01	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	DAVIDSON OPTRONICS INC.	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	8000013	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	DAWES, MARY K.	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1902862	04	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	DEL RIO MUTUAL WATER COMPANY(1)	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900331	BURKE KLING	261	162	117.89	125.00	125.00	125.00	125.00
SUBTOTAL:	1900332	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	261	162	117.89	125.00	125.00	125.00	125.00	125.00	125.00
SUBTOTAL:	DRIFTWOOD DAIRY	165	149.92	150.00	150.00	150.00	150.00	150.00	150.00
SUBTOTAL:	1902924	01	298	165	149.92	150.00	150.00	150.00	150.00
SUBTOTAL:	DUNNING, GEORGE	1900081	1910	NA	NA	0.00	0.00	0.00	0.00
SUBTOTAL:	EAST PASADENA WATER COMPANY, LTD.(1)	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	11901508	9	2,500	1,550	1,454.34	1,773.69	1,791.43	1,809.34	1,827.43
SUBTOTAL:	2,500	1,550	1,454.34	1,773.69	1,791.43	1,809.34	1,827.43	1,827.43	1,827.43
SUBTOTAL:	EL MONTE, CITY OF (1)	1,532	950	383.59	424.23	424.23	424.23	424.23	424.23
SUBTOTAL:	1901692	2A	1,536	1,200	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1901693	3	2,258	1,400	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1901694	4	NA	NA	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1901695	5	NA	NA	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1901696	10	2,420	1,500	454.79	502.97	502.97	502.97	502.97
SUBTOTAL:	1901697	11	NA	NA	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1901698	507	500	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1902812	MT VV	NA	NA	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	5 of 16	1902851	1	NA	NA	NA	NA	NA	NA

PROJECTED GROUNDWATER DEMANDS									
RECORDATION NUMBER	WELL NAME	WELL CAPACITY GPM	ACRE-FOOT	2009-10		2010-11		2011-12	
				PRODUCTION	DEMAND	PRODUCTION	DEMAND	PRODUCTION	DEMAND
SUBTOTAL:									
SUBTOTAL:	COVINA IRRIGATING COMPANY (1)	968	600	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900882	3,549	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900883	2,260	2,000	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
SUBTOTAL:	1900885	1,560	1,367.94	1,600.00	1,600.00	1,600.00	1,600.00	1,600.00	1,600.00
SUBTOTAL:	1900886	2,420	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900888	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900889	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	1900890	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	9,194	5,700	5,282.77	6,000.00	7,000.00	7,000.00	7,000.00	7,000.00	7,000.00
SUBTOTAL:	CREVOLIN, A.J.	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	8000011	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	CROWN CITY PLATING COMPANY	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	8000012	01	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:	DAVIDSON OPTRONICS INC.	NA	NA	0.00	0.00	0			

APPENDIX A
PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

RECORDATION NUMBER	WELL NAME	WELL CAPACITY ACRE-FEET	PRODUCTION GPM	2008-09		2009-10		PROJECTED GROUNDWATER DEMANDS	
				2011-12	2012-13	2013-14	2011-12	2012-13	2013-14
190283	5TH AVE	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8000078	3	2,420	1,500	0.00	0.00	0.00	0.00	0.00	0.00
8000096	4	3,871	2,400	0.00	0.00	0.00	0.00	0.00	0.00
8000097	5	1,936	1,200	1.59	712.00	712.00	712.00	712.00	712.00
SUBTOTAL:									
KIYAN, HIDEO	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1902870	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
LA PUENTE VALLEY COUNTY WATER DISTRICT (1)	NA	NA	0.00	0.00	1,840.00	1,840.00	1,840.00	1,840.00	1,840.00
1801458	1	NA	932.23	1,250	541.18	541.18	541.18	541.18	541.18
1801460	2	2,016	1,250	1,238.77	500	865.88	865.88	865.88	865.88
1802859	3	2,016	807	541.18	432.94	432.94	432.94	432.94	432.94
8000062	4	807	NA	1,624.79	3,900	3,792.79	3,680.00	3,680.00	3,680.00
8002859	5	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
LA VERNE, CITY OF	SNIDO	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902322	SNIDO	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
LAKIN, KELLY	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8000158	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
LANDEROS, JOHN	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8000031	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
HANSON AGGREGATES WEST, INC. (LIVINGSTON-GRAHAM)	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800661	1 DIA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800663	1 KN	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1801422	1 EL	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1801433	2 EL	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1803036	3 EL	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 EL	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
LOS ANGELES, COUNTY OF	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1802579	1 WHI	2,710	1,680	946.63	940.04	940.04	940.04	940.04	940.04
1902580	2	1,697	1,697	0.00	0.00	0.00	0.00	0.00	0.00
1902683	3	566	351	0.00	0.00	0.00	0.00	0.00	0.00
1802684	4	832	516	0.00	0.00	0.00	0.00	0.00	0.00
1902685	5	652	404	327.55	325.27	325.27	325.27	325.27	325.27
1802686	6	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
3,349	2 SF	NA	NA	891.90	885.69	885.69	885.69	885.69	885.69
8000070	2 SF	NA	NA	20.29	30.08	30.08	30.08	30.08	30.08
8000074	2 SF	NA	NA	49.54	49.54	49.54	49.54	49.54	49.54
8000088	B RED	174	108	1,125.96	1,125.96	1,125.96	1,125.96	1,125.96	1,125.96
8000098	N LK	1,323	820	0.00	0.00	0.00	0.00	0.00	0.00
8000099	BN PK	600	1,284	0.00	0.00	0.00	0.00	0.00	0.00
1802758	3A	1,938	1,200	252.44	250.68	250.68	250.68	250.68	250.68
8000150	WN DU	NA	NA	1,906.01	1,892.74	1,892.74	1,892.74	1,892.74	1,892.74
SUBTOTAL:				5,598.57	5,598.57	5,598.57	5,598.57	5,598.57	5,598.57
LOS FLORES MUTUAL WATER COMPANY	NA	9,785	0.00	5,500.00	5,500.00	5,500.00	5,500.00	5,500.00	5,500.00

APPENDIX A
PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

RECORDATION NUMBER	WELL NAME	WELL CAPACITY ACRE-FEET	PRODUCTION GPM	2008-09		2009-10		PROJECTED GROUNDWATER DEMANDS	
				2011-12	2012-13	2013-14	2011-12	2012-13	2013-14
190283	5TH AVE	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8000078	3	1,500	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8000096	4	2,400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8000097	5	1,936	1,200	1.59	712.00	712.00	712.00	712.00	712.00
SUBTOTAL:									
KIYAN, HIDEO	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1902870	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
LA PUENTE VALLEY COUNTY WATER DISTRICT (1)	NA	NA	0.00	0.00	1,840.00	1,840.00	1,840.00	1,840.00	1,840.00
1801458	1	NA	932.23	1,250	541.18	541.18	541.18	541.18	541.18
1801460	2	2,016	1,250	1,238.77	500	865.88	865.88	865.88	865.88
1802859	3	2,016	807	541.18	432.94	432.94	432.94	432.94	432.94
8000062	4	807	NA	1,624.79	3,900	3,792.79	3,680.00	3,680.00	3,680.00
8002859	5	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
LA VERNE, CITY OF	SNIDO	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902322	SNIDO	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
LAKIN, KELLY	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8000158	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
LANDEROS, JOHN	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8000031	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
HANSON AGGREGATES WEST, INC. (LIVINGSTON-GRAHAM)	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800661	1 DIA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800663	1 KN	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1801422	1 EL	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1801433	2 EL	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1803036	3 EL	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 EL	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
LOS ANGELES, COUNTY OF	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1802579	1 WHI	2,710	1,680	946.63	940.04	940.04	940.04	940.04	940.04
1902580	2	1,697	1,697	0.00	0.00	0.00	0.00	0.00	0.00
1902683	3	566	351	0.00	0.00	0.00	0.00	0.00	0.00
1802684	4	832	516	0.00	0.00	0.00	0.00	0.00	0.00
1902685	5	652	404	327.55	325.27	325.27	325.27	325.27	325.27
1802686	6	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
3,349	2 SF	NA	NA	891.90	885.69	885.69	885.69	885.69	885.69
8000070	2 SF	NA	NA	20.29	30.08	30.08	30.08	30.08	30.08
8000074	2 SF	NA	NA	49.54	49.54	49.54	49.54	49.54	49.54
8000088	B RED	174	108	1,125.96	1,125.96	1,125.96	1,125.96	1,125.96	1,125.96
8000098	N LK	1,323	820	0.00	0.00	0.00	0.00	0.00	0.00
8000099	BN PK	600	1,284	0.00	0.00	0.00	0.00	0.00	0.00
1802758	3A	1,938	1,200	252.44	250.68	250.68	250.68	250.68	250.68
8000150	WN DU	NA	NA	1,906.01	1,892.74	1,892.74	1,892.74	1,892.74	1,892.74
SUBTOTAL:				5,598.57	5,598.57	5,598.57	5,598.57	5,598.57	5,598.57
LOS FLORES MUTUAL WATER COMPANY	NA	9,785	0.00	5,500.00	5,500.00	5,500.00	5,500.00	5,500.00	5,500.00

18,550 11,500 7,698.66 8,650.00 8,750.00 8,650.00 9,050.00

1,512.76 1,172.76 1,172.76 1,172.76 1,172.76 1,172.76 1,172.76

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APPENDIX A
PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

RECORDATION NUMBER	WELL NAME	WELL CAPACITY ACRE-FEET	PRODUCTION GPM	2008-09		2009-10		PROJECTED GROUNDWATER DEMANDS	
2011-12	2012-13	2013-14	2011-12	2012-13	2013-				

APPENDIX A
PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

APPENDIX A
PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

RECORDATION NUMBER	WELL NAME	WELL CAPACITY ACRE-FEET	PRODUCTION GPM	2008-09 PROJECTION	2009-10 PROJECTION	2010-11 PROJECTION	2011-12 PROJECTION	2012-13 PROJECTION	2013-14 PROJECTION
PROJECTED GROUNDWATER DEMANDS									
1900454	2	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900455	3	1,532	NA	250.82	311.21	314.44	317.67	317.67	317.67
1900456	4	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900457	5	2,903	1,800	1,889.26	2,350.94	2,355.11	2,375.11	2,375.11	2,375.11
1900458	6	968	600	0.00	0.00	0.00	0.00	0.00	0.00
1902372	7	1,280	800	417.15	513.49	518.62	524.15	524.15	524.15
1902373	8	2,903	1,800	14.50	17.85	18.03	18.22	18.22	18.22
1902890	9	1,293	1,800	9.00	11.08	11.19	11.31	11.31	11.31
19028918	10	2,903	1,800	1,772.68	2,162.10	2,204.72	2,227.38	2,227.38	2,227.38
19030333	12	3,226	2,000	3,302.19	4,064.86	4,070.00	4,149.22	4,149.22	4,149.22
19030382	14	1,129	700	0.00	0.00	0.00	0.00	0.00	0.00
FERN	15	1,613	1,000	169.24	208.33	210.49	212.65	212.65	212.65
8000126	15	3,226	2,000	1,441.58	1,774.53	1,792.92	1,811.35	1,811.35	1,811.35
SUBTOTAL:									
NAMIMATSU FARMS INC.	26,211	16,250	9,481.23	11,671.00	11,792.00	11,913.21	11,913.21	11,913.21	11,913.21
1901034	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
NICK TOMOVICH & SON	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000037	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
NO. 17 WALNUT PLACE MUTUAL WATER COMPANY	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000038	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
OWL ROCK PRODUCTS (ROBERTSON'S READY MIX)	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900043	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902241	NA	NA	NA	3,205	1,987	0.00	0.00	0.00	0.00
1903119	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
PARK WATER CO.	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901307	26-A	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000039	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
PICO COUNTY WATER DISTRICT	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000040	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
POLOPOLIS, ET AL	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902169	1	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
CITRUS VALLEY MEDICAL CENTER, QUEEN OF THE VALLEY CAMPUS (QUEEN OF THE VALLEY HOSPITAL)	NA	NA	NA	25.30	25.00	25.00	25.00	25.00	25.00
8000138	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
RICHWOOD MUTUAL WATER COMPANY	1 SOUTH	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
190151	1 SOUTH	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
190152	2 NORTH	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
SAN GABRIEL VALLEY WATER COMPANY (1)	NA	NA	NA	13,398	7,645.00	7,645.00	7,645.00	7,645.00	7,645.00
1900725	NA	NA	NA	451.60	850.00	850.00	850.00	850.00	850.00
1900733	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1902635	NA	NA	NA	1,125	0.00	0.00	0.00	0.00	0.00
8000112	NA	NA	NA	1,975	0.00	0.00	0.00	0.00	0.00
8000067	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
8000123	NA	NA	NA	1,335	0.00	0.00	0.00	0.00	0.00
8000133	NA	NA	NA	2,200	1,265.00	1,265.00	1,265.00	1,265.00	1,265.00
SUBTOTAL:									
SAN GABRIEL VALLEY WATER COMPANY (1)	1C	NA	NA	1,520	0.00	0.00	0.00	0.00	0.00
1900098	1C	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1900091	1C	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00

APPENDIX A
PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

APPENDIX A
PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

RECORDATION NUMBER	WELL NAME	WELL CAPACITY ACRE-FEET	PRODUCTION GPM	2008-09 PROJECTION	2009-10 PROJECTION	2010-11 PROJECTION	2011-12 PROJECTION	2012-13 PROJECTION	2013-14 PROJECTION
PROJECTED GROUNDWATER DEMANDS									
1902790	4	2,153	1,335	92.29	100.00	100.00	100.00	100.00	100.00
WORKMAN MILL INVESTMENT COMPANY (RINCON DITCH COMPANY)	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
WORKMAN MILL INVESTMENT COMPANY (RINCON IRRIGATION COMPANY)	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
RUBICON HOMES MUTUAL WATER COMPANY (1)	1-NORTH	484	300	109.28	59.15	59.15	59.15	59.15	59.15
1900120	2-SOUTH	484	300	110.56	59.85	59.85	59.85	59.85	59.85
SUBTOTAL:									
RUTH ROY	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
S.L.S. & N. INC.	NA	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									
SAN GABRIEL COUNTRY CLUB	NA	NA	NA	0.14	16.51	16.51	16.51	16.51	16.51
1900547	1	NA	NA	485	283.49	283.49	283.49	283.49	283.49
SUBTOTAL:									
SAN GABRIEL COUNTY WATER DISTRICT (1)	750	485	296.32	300.00	300.00	300.00	300.00	300.00	300.00
1901669	6 BRA	NA	NA	1,613	0.00	0.00	0.00	0.00	0.00
1901670	7	NA	NA	0.00	1,330.00	1,330.00	1,330.00	1,330.00	1,330.00
1901671	1,048	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901672	8	NA	NA	2,258	0.00	0.00	0.00	0.00	0.00
1902785	9	NA	NA	1,040	2,074.41	2,100.00	2,100.00	2,100.00	2,100.00
1902786	10	NA	NA	NA	720.00	1,110.00	1,130.00	1,150.00	1,170.00
8000067	11	1,532	NA	NA	NA	1,232.36	1,270.00	1,290.00	1,310.00
8000123	12	NA	NA	2,100	1,428.04	1,458.04	1,488.04	1,518.04	1,548.04
8000133	14	3,549	NA	NA	NA	2,200	2,452	2,452	2,452
SUBTOTAL:									
SAN GABRIEL VALLEY WATER COMPANY (1)	NA	NA	NA	13,398	7,645.00	7,645.00	7,645.00	7,645.00	7,645.00
1900725	NA	NA	NA	1,150	451.60	850.00	850.00	850.00	850.00
1900733	NA	NA	NA	NA	0.00	0.00	0.00	0.00	0.00
1902635	NA	NA	NA	NA	1,815	0.00	0.00	0.00	0.00
8000112	NA	NA	NA	NA	3,185	0.00	0.00	0.00	0.00
8000038	NA	NA	NA	NA	3,186	0.00	0.00	0.00	0.00
8000039	NA	NA	NA	NA	NA	0.00	0.00	0.00	0.00
1900098	1C	NA	NA	NA	NA	0.00	0.00	0.00	0.00
1900091	1B	NA	NA	NA	NA	0.00	0.00	0.00	0.00
SUBTOTAL:									
RICHWOOD MUTUAL WATER COMPANY	1 SOUTH	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901521	1 SOUTH	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
1901522	2 NORTH	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTAL:									

APPENDIX A
PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

APPENDIX A
PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

RECORDATION NUMBER	WELL NAME	WELL CAPACITY ACRE-FEET	PRODUCTION GPM	2008-09 PROJECTION	2009-10 PROJECTION	2010-11 PROJECTION	2011-12 PROJECTION	2012-13 PROJECTION	2013-14 PROJECTION
PROJECTED GROUNDWATER DEMANDS									

APPENDIX A
PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

RECORDATION NUMBER	WELL NAME	WELL CAPACITY ACRE-FEET	PRODUCTION GPM	PROJECTED GROUNDWATER DEMANDS			RECORDATION NUMBER	WELL NAME	WELL CAPACITY ACRE-FEET	CPM	PRODUCTION	PROJECTED GROUNDWATER DEMANDS			
				2008-09 2010-11	2011-12 2012-13	2013-14						2008-09 2010-11	2011-12 2012-13	2013-14	
18000082	1B5	NA	NA	0.00	0.00	0.00	NA	SONOCO PRODUCTS COMPANY	NA	NA	NA	0.00	0.00	0.00	0.00
21900026	1C	4,678	2,900	1,657.35	350.00	350.00	180276	1	NA	NA	NA	0.00	0.00	0.00	0.00
21900749	2C	1,924	1,193	0.00	0.00	0.00	180276	2	NA	NA	NA	0.00	0.00	0.00	0.00
21902857	2D	3,226	2,150	1,542.85	350.00	350.00	180276	3	NA	NA	NA	0.00	0.00	0.00	0.00
28000065	2E	4,678	2,900	0.00	0.00	0.00	180276	4	NA	NA	NA	0.00	0.00	0.00	0.00
31900726	8A	NA	NA	0.00	0.00	0.00	180276	5	NA	NA	NA	0.00	0.00	0.00	0.00
31900746	8B	2,016	1,250	285.25	350.00	350.00	180276	6	NA	NA	NA	0.00	0.00	0.00	0.00
31900747	8C	2,097	1,300	1,364.5	350.00	350.00	180276	7	NA	NA	NA	0.00	0.00	0.00	0.00
31900747	8D	5,000	3,100	1,200.00	1,200.00	1,200.00	180276	8	NA	NA	NA	0.00	0.00	0.00	0.00
31900713	8E	4,839	3,000	63.91	600.00	600.00	180276	9	NA	NA	NA	0.00	0.00	0.00	0.00
41900739	11A	4,436	2,750	2,888.01	325.00	325.00	180276	10	NA	NA	NA	0.00	0.00	0.00	0.00
41900745	11B	2,984	1,650	1,018.11	725.00	725.00	180276	11	NA	NA	NA	0.00	0.00	0.00	0.00
41902713	11C	1,742	1,080	725.00	325.00	325.00	180276	12	NA	NA	NA	0.00	0.00	0.00	0.00
41900083	11B7	NA	NA	0.00	0.00	0.00	180276	13	NA	NA	NA	0.00	0.00	0.00	0.00
51902838	B4B	3,829	2,250	0.00	0.00	0.00	180276	14	NA	NA	NA	0.00	0.00	0.00	0.00
51902947	B4C	3,629	2,250	0.00	0.00	0.00	180276	15	NA	NA	NA	0.00	0.00	0.00	0.00
61900718	B5A	3,065	1,800	0.00	0.00	0.00	180276	16	NA	NA	NA	0.00	0.00	0.00	0.00
61900719	B5B	5,223	3,300	3,629.87	5,200.00	5,200.00	180276	17	NA	NA	NA	0.00	0.00	0.00	0.00
71900721	B5C	3,226	2,000	0.00	0.00	0.00	180276	18	NA	NA	NA	0.00	0.00	0.00	0.00
71900721	B5D	3,226	2,000	0.00	0.00	0.00	180276	19	NA	NA	NA	0.00	0.00	0.00	0.00
71900721	B5E	3,226	2,000	0.00	0.00	0.00	180276	20	NA	NA	NA	0.00	0.00	0.00	0.00
71900721	B5F	3,226	2,000	0.00	0.00	0.00	180276	21	NA	NA	NA	0.00	0.00	0.00	0.00
71900721	B5G	3,226	2,000	0.00	0.00	0.00	180276	22	NA	NA	NA	0.00	0.00	0.00	0.00
81900094	B7D	3,933	2,300	0.20	50.00	50.00	180276	23	NA	NA	NA	0.00	0.00	0.00	0.00
81902525	B7E	988	600	551.73	300.00	300.00	180276	24	NA	NA	NA	0.00	0.00	0.00	0.00
8190122	B7F	NA	NA	0.00	0.00	0.00	180276	25	NA	NA	NA	0.00	0.00	0.00	0.00
91901435	B8	NA	NA	0.00	0.00	0.00	180276	26	NA	NA	NA	0.00	0.00	0.00	0.00
91901436	B8	NA	NA	0.00	0.00	0.00	180276	27	NA	NA	NA	0.00	0.00	0.00	0.00
91901437	B8	NA	NA	0.00	0.00	0.00	180276	28	NA	NA	NA	0.00	0.00	0.00	0.00
91901439	B11A	9166	600	0.00	475.00	475.00	180276	29	NA	NA	NA	0.00	0.00	0.00	0.00
91901440	B11B	874	5,225	0.00	0.00	0.00	180276	30	NA	NA	NA	0.00	0.00	0.00	0.00
91900068	B7C	3,791	2,350	2,377.75	1,000.00	1,100.00	180276	31	NA	NA	NA	0.00	0.00	0.00	0.00
91900099	B9B	1,613	1,000	717.65	500.00	500.00	180276	32	NA	NA	NA	0.00	0.00	0.00	0.00
91900099	B9B	1,613	1,000	1,656.17	875.00	875.00	180276	33	NA	NA	NA	0.00	0.00	0.00	0.00
80000108	B11B	4,033	2,500	3,529.16	875.00	875.00	180276	34	NA	NA	NA	0.00	0.00	0.00	0.00
80000172	1E	5,283	3,275	0.00	0.00	0.00	180276	35	NA	NA	NA	0.00	0.00	0.00	0.00
80001660	B5D	5,646	3,900	985.10	200.00	200.00	180276	36	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5E	3,900	229.33	1,600.00	200.00	200.00	180276	37	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5F	3,900	229.33	1,600.00	200.00	200.00	180276	38	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5G	3,900	229.33	1,600.00	200.00	200.00	180276	39	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5H	3,900	229.33	1,600.00	200.00	200.00	180276	40	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5I	3,900	229.33	1,600.00	200.00	200.00	180276	41	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5J	3,900	229.33	1,600.00	200.00	200.00	180276	42	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5K	3,900	229.33	1,600.00	200.00	200.00	180276	43	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5L	3,900	229.33	1,600.00	200.00	200.00	180276	44	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5M	3,900	229.33	1,600.00	200.00	200.00	180276	45	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5N	3,900	229.33	1,600.00	200.00	200.00	180276	46	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5O	3,900	229.33	1,600.00	200.00	200.00	180276	47	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5P	3,900	229.33	1,600.00	200.00	200.00	180276	48	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5Q	3,900	229.33	1,600.00	200.00	200.00	180276	49	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5R	3,900	229.33	1,600.00	200.00	200.00	180276	50	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5S	3,900	229.33	1,600.00	200.00	200.00	180276	51	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5T	3,900	229.33	1,600.00	200.00	200.00	180276	52	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5U	3,900	229.33	1,600.00	200.00	200.00	180276	53	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5V	3,900	229.33	1,600.00	200.00	200.00	180276	54	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5W	3,900	229.33	1,600.00	200.00	200.00	180276	55	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5X	3,900	229.33	1,600.00	200.00	200.00	180276	56	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5Y	3,900	229.33	1,600.00	200.00	200.00	180276	57	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5Z	3,900	229.33	1,600.00	200.00	200.00	180276	58	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5A	3,900	229.33	1,600.00	200.00	200.00	180276	59	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5B	3,900	229.33	1,600.00	200.00	200.00	180276	60	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5C	3,900	229.33	1,600.00	200.00	200.00	180276	61	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5D	3,900	229.33	1,600.00	200.00	200.00	180276	62	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5E	3,900	229.33	1,600.00	200.00	200.00	180276	63	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5F	3,900	229.33	1,600.00	200.00	200.00	180276	64	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5G	3,900	229.33	1,600.00	200.00	200.00	180276	65	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5H	3,900	229.33	1,600.00	200.00	200.00	180276	66	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5I	3,900	229.33	1,600.00	200.00	200.00	180276	67	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5J	3,900	229.33	1,600.00	200.00	200.00	180276	68	NA	NA	NA	0.00	0.00	0.00	0.00
80001668	B5K	3,900	229.33	1,600.00	200.00	200.									

APPENDIX A
PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

RECORDATION NUMBER	WELL NAME	WELL CAPACITY ACRE-FEET	GPM	PROJECTED GROUNDWATER DEMANDS			
				2008-09 PRODUCTION	2009-10 PRODUCTION	2010-11 PRODUCTION	2011-12 PRODUCTION
1901438	4	NA	NA	0.00	0.00	0.00	0.00
1901439	5	NA	NA	0.00	0.00	0.00	0.00
1901440	6	NA	NA	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00
VALLEY COUNTY WATER DISTRICT (1)							
1900027	E MAIN	3,387	2,100	2,022.04	2,057.33	2,077.86	2,098.87
1900028	W MAIN	2,178	1,350	1,020.62	1,038.43	1,048.79	1,059.40
1900029	MORADA	1,936	1,200	0.00	0.00	0.00	0.00
1900031	PADDY	2,360	1,463	0.00	0.00	0.00	0.00
1900032	E NIXON (JOAN) ARROW	5,162	3,200	3,101.49	3,158.62	3,187.10	3,219.33
1900034	B DAL	4,639	3,200	0.00	0.00	0.00	0.00
1900035	11	NA	NA	0.00	0.00	0.00	0.00
1901307	W NIXON (JOAN)	5,242	3,250	2,318.08	2,356.54	2,382.07	2,406.16
1902356	PAIM	1,194	740	3,520.00	3,560.00	3,600.00	3,640.00
8000039	LANTE (SAH-1-3)	5,164	3,200	3,500.00	3,560.15	3,625.98	3,682.68
8000116	SAT 1	5,164	3,200	1,527.17	1,615.87	1,638.99	1,667.48
8000166	SAT 2	3,871	2,400	2,973.16	3,025.65	3,055.23	3,086.13
SUBTOTAL:		45,975	28,303	16,551.12	16,840.00	17,008.00	17,180.00
VALLEY VIEW MUTUAL WATER COMPANY (1)							
1900363	1	768	476	42.00	43.08	43.08	43.08
1900364	2	310	192	565.88	600.92	600.92	600.92
1900365	3	NA	NA	0.00	0.00	0.00	0.00
SUBTOTAL:		1,077	688	627.88	644.00	644.00	644.00
VIA TRUST							
1903012	1	NA	NA	0.00	0.00	0.00	0.00
SUBTOTAL:							
WHITTIER, CITY OF (1)							
8000151	VIETNAMESE AMERICAN BUDDHIST TEMPLE	NA	NA	3.32	3.00	3.00	3.00
SUBTOTAL:		NA	NA	3.32	3.00	3.00	3.00
WILMOTT, ERMA M.							
8000006	1	NA	NA	0.00	0.00	0.00	0.00
SUBTOTAL:		NA	NA	0.00	0.00	0.00	0.00
WOODLAND, RICHARD							
1902949	1	NA	NA	0.00	0.00	0.00	0.00
1902950	2	NA	NA	0.00	0.00	0.00	0.00
SUBTOTAL:							

APPENDIX A
PROJECTED GROUNDWATER DEMANDS FROM 2009-10 TO 2013-14

RECORDATION NUMBER	WELL NAME	WELL CAPACITY ACRE-FEET	GPM	PROJECTED GROUNDWATER DEMANDS			
				2008-09 PRODUCTION	2009-10 PRODUCTION	2010-11 PRODUCTION	2011-12 PRODUCTION
1902951	NA	NA	NA	0.00	0.00	0.00	0.00
SUBTOTAL:							
COINER, JAMES W., DBA COINER NURSERY (WOODLAND FARMS INC.)							
1903072	3	NA	NA	0.00	0.00	0.00	0.00
SUBTOTAL:		5R	NA	0.00	0.00	0.00	0.00
TOTAL		673,021	420,946	236,715.72	248,348.35	253,249.18	258,189.90
NOTES :							
GROUNDWATER PRODUCTION AND DEMANDS IN ACRE-FEET							
GPM : GALLONS PER MINUTE							
NA : NOT AVAILABLE							
(1) PROJECTED GROUND-WATER DEMANDS PROVIDED BY PRODUCER							

APPENDIX B.

SIMULATED CHANGES IN GROUNDWATER ELEVATIONS AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN

APPENDIX B

SIMULATED CHANGES IN GROUNDWATER ELEVATION AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1) 2009-09	CHANGE (2) (FEET)		REMARKS
				2013-14		
ADAMS RANCH MUTUAL WATER COMPANY						
01	1902106	INACTIVE	177.37	177.59	0.22	
02	1902869	INACTIVE				
03	80000182	ACTIVE				
ALHAMBRA, CITY OF						
MOEL (08)	1900010	ACTIVE	140.59	139.21	-1.38	PRODUCTION INCREASED
09	1900011	ACTIVE	136.63	135.30	-1.33	PRODUCTION INCREASED
10	1900012	ACTIVE	142.06	140.87	-1.19	PRODUCTION INCREASED
12	1900013	INACTIVE	141.07	140.25	-0.82	
13	1900014	ACTIVE	146.37	145.26	-1.11	PRODUCTION INCREASED
14	1900015	ACTIVE	138.69	135.88	-2.81	PRODUCTION INCREASED
15	1900016	ACTIVE	150.22	149.06	-1.16	PRODUCTION INCREASED
LON 1	1930314	ACTIVE	132.50	126.99	-5.51	PRODUCTION INCREASED
LON 2	1900017	ACTIVE				
GARF	1900018	INACTIVE	140.59	140.16	-0.43	
11	1903014	ACTIVE	139.59	137.53	-2.06	PRODUCTION INCREASED
07	1903097	STANDBY	140.09	138.50	-1.59	PRODUCTION INCREASED
AMARILLO MUTUAL WATER COMPANY						
01	1900791	ACTIVE	171.89	170.31	-1.58	PRODUCTION INCREASED
02	1900792	ACTIVE				
ARCADIA, CITY OF						
LON 1	1901013	ACTIVE	210.52	209.08	-1.44	
LON 2	1901014	ACTIVE	210.93	209.02	-1.91	PRODUCTION INCREASED
CAM REAL 1	19202077	INACTIVE	204.83	204.85	0.02	
CAM REAL 2	19202078	INACTIVE				
ST. JO 2	80000177	ACTIVE	208.94	209.06	0.12	
BAL 2	1902291	ACTIVE	186.42	186.08	-0.34	
PECK 1	1932854	ACTIVE	207.09	207.96	0.87	
L. OAK 1	80000127	ACTIVE	201.93	203.93	2.00	PRODUCTION REDUCED
AZUSA, CITY OF (AZUSA AGRICULTURE WATER COMPANY, AZUSA VALLEY WATER COMPANY)						
05 (01)	1902533	ACTIVE	596.66	596.07	-0.59	
06 (03)	1902535	ACTIVE	598.31	597.32	-0.99	
GENESIS 1 (04)	1902536	DESTROYED	258.14	258.13	-0.01	
GENESIS 2 (05)	1902537	DESTROYED	253.10	253.08	-0.02	
GENESIS 3 (06)	1902538	DESTROYED	258.92	258.92	0.00	

APPENDIX B

SIMULATED CHANGES IN GROUNDWATER ELEVATION AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION 2008-09	SIMULATED ELEVATION 2013-14	CHANGE (1) (FEET)	REMARKS	SIMULATED CHANGES IN GROUNDWATER ELEVATION AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN									
							WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION 2008-09	SIMULATED ELEVATION 2013-14	CHANGE (2) (FEET)	REMARKS			
01 (07)	8000072	ACTIVE	614.58	612.56	-.02	PRODUCTION INCREASED	ROANOKE	1900934	ACTIVE	139.79	139.14	-.05				
03 (08)	8000086	ACTIVE	615.85	615.22	-.63		LONGDEN	1900935	ACTIVE	135.53	132.54	-2.99	IMPACT FROM SGWCW EXTRAC			
02 (1 NORTH)	1902457	ACTIVE	613.83	613.12	-.71		BR 1	1901441	INACTIVE	196.37	190.27	-6.10				
04 (2 SOUTH)	1902458	ACTIVE	612.37	611.54	-.83		HOLLOWAND	1902424	ACTIVE	186.68	186.65	-0.03				
A/WC 01	1902113	DESTROYED	238.08	238.00	-.08		BR 2	19027287	INACTIVE	188.44	188.29	-0.15				
A/WC 02	1902114	DESTROYED	248.11	248.09	-.02		MAR 3	1903019	ACTIVE	184.29	184.03	-0.26				
08 (AVWC 04)	1902115	ACTIVE	596.10	596.15	.05		DELMAR	1903059	ACTIVE	131.49	128.55	-2.94	PRODUCTION INCREASED			
07 (AVWC 05)	1902116	ACTIVE	594.96	595.12	.16		HALL 2	8000175	ACTIVE	190.93	190.78	-0.15				
09 (AVWC 06)	1902117	INACTIVE	254.02	254.02	0.00		CALIFORNIA COUNTRY CLUB									
10 (AVWC 08)	80000103	ACTIVE	252.87	252.86	-.01		AFTES	1902531	STANDBY	213.00	213.53	.53				
11	80000178	ACTIVE	619.77	618.86	-.91		SYCAMORE	1903084	STANDBY	212.75	213.25	.50				
12	80000179	ACTIVE	625.11	624.77	-.34		CALIFORNIA DOMESTIC WATER COMPANY									
BASELINE WATER COMPANY										102	1901181	ACTIVE	206.59	203.92	-2.67	PRODUCTION INCREASED
01	1901200	INACTIVE	973.77	973.47	-.30		06	1902967	ACTIVE	204.08	200.06	-4.02				
02	1901201	INACTIVE					03	1903057	ACTIVE	202.41	198.12	-4.29				
03	1901202	INACTIVE	976.76	976.49	-.27		08	1903081	ACTIVE	208.51	206.57	-1.94				
CALIFORNIA-AMERICAN WATER COMPANY/DUARTE SYSTEM										05A	8000100	ACTIVE	205.10	201.39	-3.71	PRODUCTION INCREASED
SITE FE	1900354	ACTIVE	227.50	227.02	-.48		14	8000174	ACTIVE	205.84	202.82	-3.22	PRODUCTION INCREASED			
B V	1900355	ACTIVE	224.07	223.70	-.37		CHAMPION MUTUAL WATER COMPANY									
MT AVE	1900356	DESTROYED	222.33	222.08	-.25		02	1902816	ACTIVE	212.14	215.26	3.12				
FISH C	1900358	ACTIVE	622.78	621.69	-.10		03	8000121	ACTIVE							
WILEY	1902807	ACTIVE	603.91	603.92	-.01	PRODUCTION INCREASED	VULCAN MATERIALS COMPANY (CALMAT COMPANY)									
CR-HV	1903018	ACTIVE	231.02	230.11	-.91		DURE DUR W	1902820 8000063	ACTIVE ACTIVE	225.62	225.63	-0.19				
ENCANTO	8000139	ACTIVE	610.40	609.09	-.31	PRODUCTION INCREASED	REL 1	1903088	ACTIVE	239.76	239.32	-0.44				
LAS L2	8000140	ACTIVE	604.23	603.33	-.09		COVINA CITY OF									
BACON	1900497	ACTIVE	605.92	605.29	-.63		01	1901685	INACTIVE	272.54	272.51	-0.03				
CALIFORNIA-AMERICAN WATER COMPANY/SAN MARINO SYSTEM										02 (GIGANT)	1901686	ACTIVE	361.22	361.21	-0.01	
GUESS	1900918	ACTIVE	174.35	174.28	-.07		COVINA IRRIGATING COMPANY									
MIVW 2	1900920	ACTIVE	174.39	174.69	.30		CONT	1900881	STANDBY	252.24	252.23	-0.01				
RIC 1	1900921	INACTIVE	165.43	165.06	-.37		BAL 3	1900882	ACTIVE	231.41	231.04	-0.37				
IVAR 1	1900923	ACTIVE	177.09	176.27	-.82		BAL 1	1900885	ACTIVE	231.67	231.15	-0.52				
GRAND	1900926	ACTIVE	167.19	166.92	-.27		BAL 2	1900883	ACTIVE							
ROSEMEAD	1900927	ACTIVE	166.27	165.96	-.31		VALEN	1900880	INACTIVE	509.07	509.06	-0.01				

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SIMULATED CHANGES IN GROUNDWATER ELEVATION AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION 2008-09	SIMULATED ELEVATION 2013-14	CHANGE (1) (FEET)	REMARKS	SIMULATED CHANGES IN GROUNDWATER ELEVATION AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN									
							WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION 2008-09	SIMULATED ELEVATION 2013-14	CHANGE (2) (FEET)	REMARKS			
01 (07)	8000072	ACTIVE	614.58	612.56	-.02	PRODUCTION INCREASED	ROANOKE	1900934	ACTIVE	139.79	139.14	-0.65				
03 (08)	8000086	ACTIVE	615.85	615.22	-.63		LONGDEN	1900935	ACTIVE	135.53	132.54	-2.99	IMPACT FROM SGWCW EXTRAC			
02 (1 NORTH)	1902457	ACTIVE	613.83	613.12	-.71		BR 1	1901441	INACTIVE	196.37	190.27	-6.10				
04 (2 SOUTH)	1902458	ACTIVE	612.37	611.54	-.83		HOLLOWAND	1902424	ACTIVE	186.68	186.65	-0.03				
A/WC 01	1902113	DESTROYED	238.08	238.00	-.08		BR 2	19027287	INACTIVE	188.44	188.29	-0.15				
A/WC 02	1902114	DESTROYED	248.11	248.09	-.02		MAR 3	1903019	ACTIVE	184.29	184.03	-0.26				
08 (AVWC 04)	1902115	ACTIVE	596.10	596.15	.05		DELMAR	1903059	ACTIVE	131.49	128.55	-2.94	PRODUCTION INCREASED			
07 (AVWC 05)	1902116	ACTIVE	594.96	595.12	.16		HALL 2	8000175	ACTIVE	190.93	190.78	-0.15				
09 (AVWC 06)	1902117	INACTIVE	254.02	254.02	0.00		CALIFORNIA COUNTRY CLUB									
10 (AVWC 08)	80000103	ACTIVE	252.87	252.86	-.01		AFTES	1902531	STANDBY	213.00	213.53	.53				
11	80000178	ACTIVE	619.77	618.86	-.91		SYCAMORE	1903084	STANDBY	212.75	213.25	.50				
12	80000179	ACTIVE	625.11	624.77	-.34		CALIFORNIA DOMESTIC WATER COMPANY									
BASELINE WATER COMPANY										102	1901181	ACTIVE	206.59	203.92	-2.67	PRODUCTION INCREASED
01	1901200	INACTIVE	973.77	973.47	-.30		06	1902967	ACTIVE	204.08	200.06	-4.02				
02	1901201	INACTIVE					03	1903057	ACTIVE	202.41	198.12	-4.29				
03	1901202	INACTIVE	976.76	976.49	-.27		08	1903081	ACTIVE	208.51	206.57	-1.94				
CALIFORNIA-AMERICAN WATER COMPANY/DUARTE SYSTEM										05A	8000100	ACTIVE	205.10	201.39	-3.71	PRODUCTION INCREASED
SITE FE	1900354	ACTIVE	227.50	227.02	-.48		14	8000174	ACTIVE	205.84	202.82	-3.22				
B V	1900355	ACTIVE	224.07	223.70	-.37		CHAMPION MUTUAL WATER COMPANY									
MT AVE	1900356	DESTROYED	222.33	222.08	-.25		02	1902816	ACTIVE	212.14	215.26	3.12				
FISH C	1900358	ACTIVE	622.78	621.69	-.10		03	8000121	ACTIVE							
WILEY	1902807	ACTIVE	603.91	603.92	-.01	PRODUCTION INCREASED	VULCAN MATERIALS COMPANY (CALMAT COMPANY)									
CR-HV	1903018	ACTIVE	231.02	230.11	-.91		DURE DUR W	1902820 8000063	ACTIVE ACTIVE	225.62	225.63	-0.19				
ENCANTO	8000139	ACTIVE	610.40	609.09	-.31	PRODUCTION INCREASED	REL 1	1903088	ACTIVE	239.76	239.32	-0.44				
LAS L2	8000140	ACTIVE	604.23	603.33	-.09		COVINA CITY OF									
BACON	1900497	ACTIVE	605.92	605.29	-.63		01	1901685	INACTIVE	272.54	272.51	-0.03				
CALIFORNIA-AMERICAN WATER COMPANY/SAN MARINO SYSTEM										02 (GIGANT)	1901686	ACTIVE	361.22	361.21	-0.01	
GUESS	1900918	ACTIVE	174.35	174.28	-.07		COVINA IRRIGATING COMPANY									
MIVW 2	1900920	ACTIVE	174.39	174.69	.30		CONT	1900881	STANDBY	252.24	252.23	-0.01				
RIC 1	1900921	INACTIVE	165.43	165.06	-.37		BAL 3	1900882	ACTIVE	231.41	231.04	-0.37				
IVAR 1	1900923	ACTIVE	177.09	176.27	-.82		BAL 1	1900885	ACTIVE	231.67	231.15	-0.52				
GRAND	1900926	ACTIVE	167.19	166.92	-.27		BAL 2	1900883	ACTIVE							
ROSEMEAD	1900927	ACTIVE	166.27	165.96	-.31		VALEN	1900880	INACTIVE	509.07	509.06	-0.01				

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SIMULATED CHANGES IN GROUNDWATER ELEVATION AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2008-09	2013-14		
CROWN CITY PLATING COMPANY	01	ACTIVE	185.76	185.77	0.01	
DEL RIO MUTUAL WATER COMPANY	1900012	ACTIVE				
BURKETT	1900331	ACTIVE	208.13	209.11	0.98	
DRIFTWOOD DAIRY	01	ACTIVE	197.10	197.55	0.45	
EAST PASADENA WATER COMPANY, LTD.	09	ACTIVE	176.81	175.98	-0.83	
EL MONTE, CITY OF	02A	ACTIVE	196.39	196.25	-0.14	
	03	INACTIVE	197.97	197.89	-0.08	
	04	INACTIVE	198.18	199.06	-0.10	
	05	INACTIVE	194.42	194.39	-0.03	
	10	STANDBY	200.42	200.28	-0.14	
MT VNV	1902612	DESTROYED	207.04	207.71	0.67	
	12	STANDBY	193.55	193.33	-0.22	
	13	ACTIVE	193.72	193.50	-0.22	
GLENDORA, CITY OF	1900826	ACTIVE	547.38	547.23	-0.15	
	11-E	ACTIVE	604.16	604.41	-3.74	PRODUCTION INCREASED
	08-E	ACTIVE	1960830	1960830		
	12-G	ACTIVE	1900827	1900827		
	10-E	ACTIVE	554.11	553.95	-0.16	
	07-G	INACTIVE	252.89	252.88	-0.01	
	01-E	ACTIVE	562.55	562.27	-0.28	
	13-E	ACTIVE	8000184	8000184		
	02-E	ACTIVE	563.22	563.46	-0.24	
	03-G	INACTIVE	247.26	247.25	-0.01	
	04-E	INACTIVE	1901524	1901524		
	05-E	ACTIVE	8000149	8000149		
HARTLEY, DAVID						
	NA	ACTIVE	660.65	660.62	-0.03	
HEMLOCK MUTUAL WATER COMPANY	8000085	ACTIVE				IMPACT FROM SGWC EXTRATION
NORTH	1901178	ACTIVE	214.84	215.99	1.15	
SOUTH	1902806	ACTIVE				

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SIMULATED CHANGES IN GROUNDWATER ELEVATION AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2008-09	2013-14		
INDUSTRY WATERWORKS SYSTEM, CITY OF						
	01	1902581	INACTIVE	214.38	213.36	-1.02
	03	8000078	STANDBY			
	04	8000086	ACTIVE			
	02	1902582	INACTIVE	214.79	213.72	-1.07
	05	8000097	ACTIVE			
LA PUENTE VALLEY COUNTY WATER DISTRICT						
	02	1901480	ACTIVE	224.56	223.68	-0.88
	04	8000062	ACTIVE			
	03	1902859	ACTIVE	223.93	224.67	0.74
	05	NA				
HANSON AGGREGATES WEST, INC. (LIVINGSTON-GRAHAM)						
	EL 4	1903006	ACTIVE	222.20	221.89	-0.31
	EL 1	1901492	ACTIVE	222.57	222.10	-0.47
	EL 3	1901493	ACTIVE			
LOS ANGELES, CITY OF						
	KEY WELL	3030F	MONITORING	228.71	228.63	-0.08
	WHI 1	1902579	ACTIVE	181.61	181.86	0.25
	02	1902580	ACTIVE	188.74	188.74	0.00
	03A	8000150	ACTIVE	181.15	180.70	-0.45
	04	1902664	ACTIVE	179.75	178.86	-0.89
	05	1902665	ACTIVE	178.55	177.16	-1.39
	06	1902666	INACTIVE	178.05	177.21	-0.84
	SF 1	8000070	ACTIVE	235.20	235.13	-0.07
	BIG RED	8000088	ACTIVE	192.99	192.80	-0.19
	NEW LAKES	8000089	ACTIVE	179.26	179.69	0.43
MILLER BREWERIES WEST, L.P. (MILLER BREWING COMPANY)						
	01	8000075	ACTIVE	237.35	237.20	-0.15
	02	8000076	ACTIVE	236.85	236.64	-0.21
	MONROVIA, CITY OF					
	02	1900418	ACTIVE	208.82	207.40	-1.42
	03	1900419	ACTIVE			
	04	1900420	ACTIVE	214.32	213.20	-1.12
	05	1940104	ACTIVE	210.39	208.86	-1.53
	06	8000171	ACTIVE	209.08	207.67	-1.41
MONROVIA NURSERY						

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SIMULATED CHANGES IN GROUNDWATER ELEVATION AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2008-09	2013-14		
DIV 4	1902456	ACTIVE	509.07	509.06	-0.01	
MONTEREY PARK CITY OF						
01	1900453	ACTIVE	164.30	162.50	-1.80	PRODUCTION INCREASED
03	1900455	ACTIVE	158.35	156.10	-2.25	PRODUCTION INCREASED
05	1900457	ACTIVE	149.22	145.44	-3.78	PRODUCTION INCREASED
06	1900458	ACTIVE	160.03	157.84	-2.09	PRODUCTION INCREASED
07	1902327	ACTIVE	176.79	175.39	-1.40	PRODUCTION INCREASED
08	1902323	ACTIVE	178.74	177.35	-1.39	PRODUCTION INCREASED
09	1902390	ACTIVE	176.53	175.08	-1.45	PRODUCTION INCREASED
10	1902318	ACTIVE	146.18	143.28	-2.90	PRODUCTION INCREASED
12	1903033	ACTIVE	174.30	172.44	-1.86	PRODUCTION INCREASED
14	1903092	ACTIVE	172.85	171.86	-0.99	
FERN	8000126	ACTIVE	158.18	155.90	-2.28	PRODUCTION INCREASED
15	8000196	ACTIVE	178.32	176.89	-1.43	PRODUCTION INCREASED
OWL ROCK PRODUCTS COMPANY						
NA	1902241	ACTIVE	226.47	226.33	-0.14	
NA	1903119	ACTIVE	617.74	616.91	-1.73	IMPACT FROM AZUSA EXTRACTION
POLOPOLIS ET AL.						
01	1902169	INACTIVE	229.85	229.73	-0.12	
CITRUS VALLEY MEDICAL CENTER, QUEEN OF THE VALLEY CAMPUS (QUEEN OF THE VALLEY HOSPITAL)						
NA	8000138	ACTIVE	230.79	230.55	-0.24	
WORKMAN MILL INVESTMENT COMPANY (IRINCON DITCH COMPANY)						
04	1902790	ACTIVE	183.23	183.67	0.34	
WORKMAN MILL INVESTMENT COMPANY (IRINCON IRRIGATION COMPANY)						
02	1900095	ACTIVE	185.01	185.21	0.20	
WORKMAN MILL INVESTMENT COMPANY (ROSE HILLS MEMORIAL PARK)						
03	1900052	ACTIVE	184.05	184.32	0.27	
01	1900094	ACTIVE	182.02	182.29	0.27	
RURIAN HOMES MUTUAL WATER COMPANY						
NORTH 1	1900120	ACTIVE	215.89	217.44	1.55	IMPACT FROM SGWC REDUCTION
SOUTH 2	1900121	ACTIVE				
SAN GABRIEL COUNTRY CLUB						
01	1900547	ACTIVE	142.84	140.41	-2.43	IMPACT FROM SGCD EXTRACTION

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SIMULATED CHANGES IN GROUNDWATER ELEVATION AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		WELL STATUS	SIMULATED ELEVATION (1) 2008-09	SIMULATED ELEVATION (1) 2013-14	CHANGE (2) (FEET)	REMARKS
			2008-09	2013-14					
			02	1902979	ACTIVE				
SAN GABRIEL COUNTY WATER DISTRICT									
05 ERA			05 ERA	1901689	ACTIVE	171.37	171.35	-0.02	PRODUCTION INCREASED
			07	1901671	ACTIVE	135.16	130.80	-4.36	
			08	1901672	INACTIVE	138.91	138.46	-0.45	
			09	1902785	ACTIVE	150.91	150.22	-0.69	
			10	1902786	INACTIVE	158.59	158.13	-0.46	
			11	8000067	ACTIVE	160.61	159.39	-1.22	PRODUCTION INCREASED
			12	8000123	ACTIVE	161.23	160.61	-0.62	
			14	8000133	ACTIVE	150.43	150.14	-0.29	
SAN GABRIEL VALLEY WATER COMPANY									
G-A			G-A	1900725	ACTIVE	170.91	169.19	-1.72	PRODUCTION INCREASED
B-1			B-1	1902635	ACTIVE	200.46	200.50	0.04	BPOU EXTRACTION
B-5A			B-5A	1900718	ACTIVE	209.08	206.85	-2.23	BPOU EXTRACTION
B-5C			B-5C	1900719	INACTIVE				
B-5D			B-5D	8000160	ACTIVE	209.62	207.93	-1.69	IMPACT FROM BPOU EXTRACTION
B-5E			B-5E	NA	PLANNED	209.18	207.19	-1.99	BPOU EXTRACTION
B-2A			B-2A	8000187	ACTIVE	212.32	203.37	-8.95	BPOU EXTRACTION
B-2B			B-2B	8000112	ACTIVE				
B-2B			B-2B	8000189	ACTIVE	218.32	218.59	0.27	
B-8A			B-8A	1900736	INACTIVE	180.22	177.98	-2.24	PRODUCTION INCREASED
B-8C			B-8C	1902746	ACTIVE				
B-8E			B-8E	1900747	ACTIVE				
B-D			B-D	1903013	ACTIVE				
B-F			B-F	8000169	ACTIVE	179.99	178.22	-1.77	PRODUCTION INCREASED
B-1B			B-1B	1902729	ACTIVE	204.94	212.38	7.44	PRODUCTION REDUCED
B-1C			B-1C	1902946	ACTIVE				
B-1E			B-1E	8000102	ACTIVE				
B-2C			B-2C	1900749	ACTIVE				
B-2E			B-2E	1902857	ACTIVE				
B-2F			B-2F	8000065	ACTIVE				
				8000197	ACTIVE				
11A			11A	1900739	ACTIVE				
11B			11B	1900745	ACTIVE				
11C			11C	1902713	ACTIVE				
E-4B			E-4B	1923858	ACTIVE				
E-C			E-C	1923947	ACTIVE				

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SIMULATED CHANGES IN GROUNDWATER ELEVATION AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2008-99	2013-14		
B6C	1903093	ACTIVE	225.17	224.78	-0.39	
B6D	8000098	ACTIVE				
B7C	8000068	ACTIVE	218.71	220.34	1.63	PRODUCTION REDUCED
B7E	8000122	ACTIVE				
B2	1902525	INACTIVE	199.56	199.53	-0.03	
B1JA	1901439	ACTIVE	219.11	219.95	0.84	
B1JB	8000108	ACTIVE				
B1JC	NA	PLANNED				
B8B	8000099	ACTIVE	220.80	221.52	0.72	
B2JA	8000233	ACTIVE	220.98	220.13	-0.85	
B2JB	8000204	ACTIVE				
SIERRA LA VERNE COUNTRY CLUB						
01	8000124	ACTIVE	1076.22	1075.86	-0.36	
02	8000125	ACTIVE	1096.19	1095.90	-0.29	
SONOCO PRODUCTS COMPANY						
01	1912786	ACTIVE	217.39	216.52	-0.87	
02	1902971	ACTIVE				
SOUTHERN CALIFORNIA EDISON COMPANY						
110RH	8000046	ACTIVE	225.75	226.60	-0.15	
2EB76	1900343	ACTIVE	220.96	221.46	0.50	
MURAT	8000047	ACTIVE	169.07	168.03	-1.04	IMPACT FROM BPDU EXTRACTION
GOLDEN STATE WATER COMPANY (SOUTHERN CALIFORNIA WATER COMPANY)/SAN DIMAS DISTRICT						
BAS-3	1902148	ACTIVE	897.67	894.71	-2.96	PRODUCTION INCREASED
BAS-4	1902149	ACTIVE	879.57	876.35	-3.22	PRODUCTION INCREASED
HIGHWAY	1902150	ACTIVE	884.13	884.13	-4.98	PRODUCTION INCREASED
ART-2	1902152	ACTIVE	898.31	893.91	-2.70	PRODUCTION INCREASED
ART-3	1902842	ACTIVE	883.65	879.76	-3.89	PRODUCTION INCREASED
STERLING MUTUAL WATER COMPANY						
COL-4	1902268	ACTIVE	536.00	536.00	0.00	
COL-6	1902270	ACTIVE	534.49	534.49	0.00	
COL-7	1902271	ACTIVE	566.92	566.92	0.00	
COL-8	1902272	INACTIVE	745.32	745.20	-0.12	
CITY	1902286	ACTIVE	1029.32	1028.51	-0.81	
MALON	1902287	ACTIVE	985.90	984.45	-1.45	PRODUCTION INCREASED
GOLDEN STATE WATER COMPANY (SOUTHERN CALIFORNIA WATER COMPANY)/SAN GABRIEL VALLEY DISTRICT						
SG 1	1900510	ACTIVE	146.09	146.20	0.11	
SG 2	1900511					

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WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		WELL STATUS	REMARKS
			2008-99	2013-14		
GAR 1	1900513	ACTIVE	160.97	159.22	-1.75	IMPACT FROM SEMOU EXTRACTION
GAR 2	1900512	ACTIVE				
SAX 1	1900515	ACTIVE	153.92	155.09	1.17	PRODUCTION REDUCED
SAX 3	1900516	ACTIVE				
SAX 4	8000146	ACTIVE				
EARL 1	1902144	ACTIVE	168.03	167.57	-1.46	IMPACT FROM SEMOU EXTRACTION
JEF 1	1902017	INACTIVE				
JEF 3	8000111	ACTIVE				
JEF 4	8000111	ACTIVE				
AZU 1	1902020	DESTROYED	193.14	193.25	0.11	
ENC 1	1902024	ACTIVE	175.72	176.32	0.60	
ENC 2	1902035	ACTIVE	174.62	175.18	0.56	
ENC 3	8000073	ACTIVE				
PER 1	1902027	STANDBY	197.08	197.57	0.49	
GRA 1	1902030	STANDBY	216.02	215.76	-0.26	
GRA 2	1902451					
GID 1	1902032	DESTROYED	193.26	193.29	0.03	
GID 2	1902031					
FAR 1	1902034	ACTIVE	205.75	206.90	1.15	PRODUCTION REDUCED
FAR 2	1902848	ACTIVE	204.67	205.77	1.10	PRODUCTION REDUCED
SOUTH PASADENA, CITY OF						
GRAV 2	1901679	ACTIVE	137.89	136.31	-1.58	PRODUCTION INCREASED
WIL 2	1901681	ACTIVE	136.46	136.39	-0.07	
WIL 3	1901682	ACTIVE	134.34	134.41	0.07	
WIL 4	1903036	ACTIVE				
SUBURBAN WATER SYSTEMS						
114W-1	1901613	INACTIVE				
NEW SO.	8000132	ACTIVE				
NORTH	1902066	ACTIVE				
STERLING MUTUAL WATER COMPANY						
12W-1	8000181	ACTIVE	233.24	232.51	-0.73	
125W-2	8000087	INACTIVE	263.36	263.36	0.00	
126W-2	8000092	INACTIVE	266.85	266.85	0.01	
139W-2	1901589	ACTIVE	230.93	230.84	-0.09	
139W-4	8000089	ACTIVE				
139W-5	8000095	INACTIVE	230.64	230.56	-0.08	
139W-6	8000152	INACTIVE				
140W-3	1902067	ACTIVE	224.37	224.60	0.23	
140W-4	8000093	ACTIVE				

APPENDIX B

SIMULATED CHANGES IN GROUNDWATER ELEVATION AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2008-09	2013-14		
140W-5	8000145	ACTIVE	229.88	229.35	-0.53	
142W-2	8000183	ACTIVE	219.70	219.95	0.25	
147W-3	8000077	ACTIVE	225.49	225.05	-0.44	
151W-2	8000207	ACTIVE	262.86	262.86	0.00	
155W-1	1902819	INACTIVE	178.43	175.03	-0.60	
201W-2	1901430	ACTIVE	175.32	177.47	1.65	PRODUCTION REDUCED
201W-4	1901433	ACTIVE	180.30	181.02	0.72	
201W-5	8000208	ACTIVE	184.47	184.26	-0.21	
201W-6	1901434	ACTIVE	176.40	177.26	0.86	
201W-7	8000195	ACTIVE	178.09	178.62	0.53	
201W-8	8000198	ACTIVE	184.67	182.70	-1.97	PRODUCTION INCREASED
201W-10	NA	ACTIVE	160.22	158.35	-1.87	PRODUCTION INCREASED
TYLER NURSERY	NA	ACTIVE	175.59	175.33	-0.26	
UNITED CONCRETE PIPE CORPORATION	NA	ACTIVE	193.69	193.65	-0.04	
UNITED ROCK PRODUCTS CORPORATION	NA	INACTIVE	226.16	225.96	-0.20	
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY	NA	MONITORING	179.32	179.76	0.44	SOUTH EL MONTE OPERABLE UNIT
MW4-1	1900106	ACTIVE	181.32	181.48	0.16	
MW4-2	1903062	ACTIVE	179.23	179.64	0.41	
MW4-3	NA	MONITORING	170.54	170.56	0.02	
MW4-4	NA	MONITORING	171.11	171.13	0.02	
MW4-5	NA	MONITORING	171.68	171.70	0.02	
MW4-6	NA	MONITORING	183.98	183.96	-0.02	
MW4-7	NA	MONITORING	187.45	187.46	0.01	
MW4-8	NA	MONITORING	180.05	180.05	0.00	

APPENDIX B

SIMULATED CHANGES IN GROUNDWATER ELEVATION AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1)		WELL STATUS	RECORDATION NUMBER	SIMULATED ELEVATION (1)		CHANGE (2) (FEET)	REMARKS
			2008-09	2013-14			2008-09	2013-14		
MW4-9	NA	MONITORING	188.77	188.71			196.71	196.63	-0.06	
MW4-10	NA	MONITORING	204.51	204.73			232.87	232.65	-0.22	BALDWIN PARK OPERABLE UNIT
MW4-11	NA	MONITORING	237.09	237.01			226.24	226.08	-0.16	
MW5-1	NA	MONITORING	226.25	226.15			237.16	237.09	-0.07	
MW5-3	NA	MONITORING	241.34	241.29			228.47	228.41	-0.06	
MW5-5	NA	MONITORING	228.41	228.35			237.79	237.73	-0.06	
MW5-8	NA	MONITORING	237.73	239.28			210.34	208.53	-1.81	IMPACT FROM BPOU EXTRACTION
MW5-11	NA	MONITORING	220.91	222.90			215.55	215.55	-0.33	
MW5-13	NA	MONITORING	214.81	214.81			220.91	220.91	-0.09	
MW5-15	NA	MONITORING	214.81	214.81			220.91	220.91	-0.09	
MW5-17	NA	MONITORING	226.64	226.65			214.09	214.26	0.17	IMPACT FROM BPOU EXTRACTION
MW5-18	NA	MONITORING	228.62	228.61			247.35	247.36	0.01	
MW5-19	NA	MONITORING	239.33	239.28			228.62	228.61	-0.01	
MW5-20	NA	MONITORING	222.33	222.33			214.09	214.26	0.17	
MW5-22	NA	MONITORING	226.65	226.65			226.64	226.64	0.01	
MW5-23	NA	MONITORING	228.62	228.61			220.91	220.91	-0.09	
MW6-1	NA	MONITORING	220.91	220.91			220.91	220.91	-0.09	
MW6-2	NA	MONITORING	220.91	220.91			220.91	220.91	-0.09	
MW6-4	NA	MONITORING	220.91	220.91			220.91	220.91	-0.09	
MW6-5	NA	MONITORING	220.91	220.91			220.91	220.91	-0.09	
MW6-6	NA	MONITORING	220.91	220.91			220.91	220.91	-0.09	
MW6-7	NA	MONITORING	217.41	217.41			217.41	217.41	0.00	
MW6-8	NA	MONITORING	427.35	427.36			182.00	182.15	0.15	
MW6-9	NA	REMEDIAL	180.09	180.36			179.03	179.42	0.39	
MW6-10	NA	REMEDIAL	178.74	179.23			179.70	179.96	0.26	
EWA-4	NA	REMEDIAL	180.09	180.36			181.93	182.07	0.14	
EWA-5	NA	REMEDIAL	180.00	180.00			180.00	180.00	0.00	
EWA-6	NA	REMEDIAL	180.00	180.00			180.00	180.00	0.00	
EWA-7	NA	REMEDIAL	180.00	180.00			180.00	180.00	0.00	
EWA-8	NA	REMEDIAL	180.00	180.00			180.00	180.00	0.00	
VALENCIA HEIGHTS WATER COMPANY	01	ACTIVE	277.52	277.52			276.36	276.36	1.16	
	02	ACTIVE	280.00	280.00			280.00	280.00	0.00	

APPENDIX B**SIMULATED CHANGES IN GROUNDWATER ELEVATION AT WELLS OR WELLFIELDS IN MAIN SAN GABRIEL BASIN**

WELL OR WELLFIELD	RECORDATION NUMBER	WELL STATUS	SIMULATED ELEVATION (1) 2008-09	SIMULATED ELEVATION (1) 2013-14	CHANGE (2) (FEET)	REMARKS
04	8000054	ACTIVE	264.53	264.05	-0.48	
05	800020	ACTIVE	294.46	293.33	-1.13	PRODUCTION INCREASED
VALLEY COUNTY WATER DISTRICT						
E NIXON (JOAN) W NIXON (JOAN)	1900027	ACTIVE	226.43	226.20	-0.23	
MORADA	1900028	ACTIVE				
MORADA	1900029	STANDBY	242.54	242.50	-0.04	
E NIXON (JOAN) W NIXON (JOAN)	1900032	ACTIVE	234.50	224.19	-0.31	
ARROW LANTE (SA1-3)	1902356	ACTIVE				
PALM	1900034	INACTIVE	231.02	230.81	-0.21	
PALM	8000039	INACTIVE	227.61	227.56	-0.05	
B DALTON	1900035	INACTIVE	229.43	229.37	-0.06	
PADDY LN	1900031	STANDBY	227.06	226.96	-0.10	
SA1-1	8000185	ACTIVE	233.52	233.36	-0.16	
SA1-2	8000186	ACTIVE	231.80	231.60	-0.20	
VALLEYVIEW MUTUAL WATER COMPANY						
01	1900363	ACTIVE	225.82	225.63	-0.19	
02	1900364	ACTIVE				
WHITTIER, CITY OF						
13	1901749	ACTIVE	182.44	182.53	0.09	
15	8000071	ACTIVE	179.67	180.08	0.41	
16	8000110	ACTIVE	177.75	178.35	0.60	
17	8000335	ACTIVE				
18	8000136	ACTIVE	179.08	179.63	0.55	
WOODLAND, RICHARD						
01	1902949	INACTIVE	213.86	212.78	-1.08	IMPACT FROM BPOU EXTRACTION
02	1902850	INACTIVE				
COINER, JAMES W., DBA COINER NURSERY (WOODLAND FARM INC.)						
03	1902951	INACTIVE	213.90	212.90	-1.00	IMPACT FROM BPOU EXTRACTION
05R	1903072	ACTIVE	214.96	214.57	-0.39	
		AVERAGE CHANGE			-0.53	

(1) SIMULATED ELEVATION IN FEET ABOVE MEAN SEA LEVEL
 (2) DIFFERENCE BETWEEN 2013-14 AND 2008-09 SIMULATED ELEVATIONS

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L OTHERS IN ug/L) CONTAMINANT HISTORIC HIGH MOST RECENT OF CONCERN VALUE DATE	REMARKS
ADAMS RANCH MUTUAL WATER COMPANY					
01	1802106	MUNICIPAL	INACTIVE	TCE NO3 2.2 05/08 ND 02/97 CLO4 97.0 04/02 38.9 02/97 NA NA NA NA NA NA	VULNERABLE (NO3)
02	1802689	MUNICIPAL	INACTIVE	TCE NO3 3.5 08/06 2.5 09/06 CLO4 NA NA NA NA NA NA	VULNERABLE (NO3)
03	8000182	MUNICIPAL	ACTIVE	TCE NO3 18.5 11/06 4.2 05/09 PCE 5.1 11/06 1.7 05/09 CLO4 21.0 03/04 13.0 05/09 ND 08/08 ND	VULNERABLE (VOCs) (1)
ALHAMBRA, CITY OF					
07	1903097	MUNICIPAL	ACTIVE	TCE C-1,2-DCE 13.4 08/91 6.1 02/09 CTC NO3 0.8 04/07 ND 02/09 CLO4 1.6 02/05 0.7 02/09 NA 0.285 ND 02/09	VULNERABLE (NO3) (1)
09	1900011	MUNICIPAL	ACTIVE	TCE C-1,2-DCE 2.1 08/08 21.1 08/08 NO3 51.3 10/07 2.1 10/08 CLO4 2.2 10/07 ND 04/09	VULNERABLE (NO3) (3)
10	1900012	IRRIGATION	ACTIVE	TCE C-1,2-DCE 30.1 6/2/09 30.1 02/09 NO3 5.8 03/05 3.6 02/09 CLO4 11.0 03/05 ND 02/09	VULNERABLE (NO3) (3)
11	1903014	MUNICIPAL	ACTIVE	PCE T-1,2-DCE 1.9 08/02 1.1 10/08 NO3 4.2 05/08 ND 08/08 CLO4 1.5 04/08 1.5 04/08 NA 41.3 07/90 29.0 09/06	VULNERABLE (VOCs AND NO3) (3)
12	1900013	MUNICIPAL	INACTIVE	TCE C-1,2-DCE 39.4 08/08 39.4 08/08 NO3 33.6 08/08 33.6 08/08 CLO4 0.8 09/08 0.8 09/08 NA 34.1 08/08 32.0 08/08	VULNERABLE (NO3) (3)
13	1900014	MUNICIPAL	ACTIVE	TCE NO3 0.5 08/07 0.5 10/07 VOCs 52.0 08/01 18.0 10/07 CLO4 0.0 03/07 ND 04/09	VULNERABLE (NO3)
14	1900015	MUNICIPAL	ACTIVE	TCE NO3 2.4 08/08 2.1 10/08 CLO4 42.4 08/09 16.0 10/08 NA 0.0 08/08 ND 04/09	VULNERABLE (NO3)
15	1900016	MUNICIPAL	ACTIVE	VOCs NO3 18.0 11/02 5.9 04/07 CLO4 0.0 03/07 ND 04/09	VULNERABLE (NO3)
GARF	1900018	MUNICIPAL	INACTIVE	TCE CTC 11.0 08/82 0.5 09/93 NO3 0.1 04/80 0.1 09/93 CLO4 1.0 11/87 ND 09/93 NA 68.1 08/89 53.6 NA	VULNERABLE (VOCs) (1)
LON 1	1902769	MUNICIPAL	ACTIVE	PCE NO3 0.3 07/81 ND 08/08 NA 23.0 09/04 17.0 09/08	VULNERABLE (NO3 AND CLO4)

APPENDIX C

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L OTHERS IN ug/L) CONTAMINANT HISTORIC HIGH MOST RECENT OF CONCERN VALUE DATE		CONTAMINANT OF CONCERN	STATUS	USAGE	RECORDATION NUMBER	CONTAMINANT HISTORIC HIGH MOST RECENT OF CONCERN VALUE DATE	CONTAMINANT OF CONCERN HISTORIC HIGH MOST RECENT VALUE DATE	REMARKS	
				CONCENTRATION (NO3 IN MG/L OTHERS IN ug/L) CONTAMINANT HISTORIC HIGH MOST RECENT OF CONCERN VALUE DATE	CONTAMINANT OF CONCERN HISTORIC HIGH MOST RECENT VALUE DATE								
LON 2	1900017	MUNICIPAL	ACTIVE	TCE NO3 4.3 05/87 ND 03/08 CLO4 50.4 04/66 20.3 03/07 NA 5.6 07/97 ND 04/09	NOS CLO4	TCE C-1,2-DCE NO3	ACTIVE	MUNICIPAL	CLC4	5.0 12/97 ND	04/09	VULNERABLE (VOCs, NO3, AND CLO4)	
MOEL (8)	1900010	MUNICIPAL	ACTIVE	TCE NO3 14.1 07/08 1.6 07/08 CLO4 0.9 04/04 0.9 07/08 NA 7.0 07/08 7.0 07/08	NOS CLO4	TCE C-1,2-DCE NO3	ACTIVE	MUNICIPAL	CLC4	5.5 10/99 ND	05/09	VULNERABLE (VOCs, NO3, AND CLO4)	
AMARILLO MUTUAL WATER COMPANY	01	1900791	MUNICIPAL	ACTIVE	PCE TCE 1.2 02/08 ND 05/09 CTC NO3 3.2 08/82 ND 08/08 CLO4 ND 08/97 ND	NOS CLO4	PCE TCE C-1,2-DCE NO3	ACTIVE	MUNICIPAL	CLC4	1.7 05/09 ND	05/09	VULNERABLE (VOCs AND NO3)
ANDERSON FAMILY MARITAL TRUST	01	8000079	DOMESTIC	INACTIVE	VOCs NO3 5.7 02/02 3.7 05/09 CLO4 ND 08/96 ND 08/08 NA 2.0 01/99 ND 09/09 NA 29.9 02/96 17.0 05/09 NA 0.897 ND 08/08	NOS CLO4	VOCs NO3 CLO4	INACTIVE	MUNICIPAL	CLC4	1.7 05/09 ND	05/09	VULNERABLE (VOCs AND NO3)
ARCADIA, CITY OF	BAL 1	1901015	MUNICIPAL	INACTIVE	VOCs NO3 32.0 09/88 3.0 09/98 CLO4 NA NA NA	NOS CLO4	VOCs NO3 CLO4	INACTIVE	MUNICIPAL	CLC4	3.0 09/98 ND	09/98	VULNERABLE (NO3)
BAL 2	1902791	MUNICIPAL	ACTIVE	VOCs NO3 33.4 05/08 29.0 06/09 CLO4 ND 08/97 ND	NOS CLO4	VOCs NO3 CLO4	ACTIVE	MUNICIPAL	CLC4	29.0 06/09 ND	07/06	VULNERABLE (NO3)	
CAM REAL 1	1902077	MUNICIPAL	INACTIVE	VOCs NO3 28.1 01/65 ND 01/65 CLO4 NA NA NA	NOS CLO4	VOCs NO3 CLO4	INACTIVE	MUNICIPAL	CLC4	22.4 01/65 ND	01/65	VULNERABLE (NO3)	
CAM REAL 2	1902078	MUNICIPAL	INACTIVE	VOCs NO3 58.0 05/92 39.0 06/98 CLO4 ND 08/97 ND	NOS CLO4	VOCs NO3 CLO4	INACTIVE	MUNICIPAL	CLC4	39.0 06/98 ND	07/06	VULNERABLE (NO3)	
L OAK 1	8000127	MUNICIPAL	ACTIVE	PCE TCE 1.0 01/68 1.0 01/68 NO3 1.4 01/08 ND 01/08 CLO4 1.6 12/08 1.4 01/08 NA 21.5 03/91 17.0 05/09 ND 08/97 ND 07/06	NOS CLO4	PCE TCE C-1,2-DCA NO3 CLO4	ACTIVE	MUNICIPAL	CLC4	1.4 01/08 ND	01/08	VULNERABLE (NO3)	
LGY	1902084	MUNICIPAL	INACTIVE	CF NO3 1.0 01/68 1.0 01/68 CLO4 6.0 01/08 6.0 01/08	NOS CLO4	CF NO3 CLO4	INACTIVE	MUNICIPAL	CLC4	1.0 01/68 ND	01/08	VULNERABLE (CLO4)	
LON 1	1901013	MUNICIPAL	ACTIVE	TCE NO3 30.0 07/87 0.7 06/09 CLO4 2.7 07/87 ND 06/09 NA 4.1 06/87 ND 06/09 ND 08/97 ND 07/06	NOS CLO4	TCE C-1,2-DCA NO3 CLO4	ACTIVE	MUNICIPAL	CLC4	0.7 06/09 ND	06/09	VULNERABLE (VOCs AND NO3) (1)	

APPENDIX C
**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRANT OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT DATE	REMARKS
LON 2	1901014	MUNICIPAL	ACTIVE	TCE PCE CTC 1,1-DCE 1,1,1-TCA NO3 Cl,04	01/85 ND 01/82 0.6 12.0 109.1 ND	0.7 ND 0.6 ND 0.6 45.6 0.6/03	03/08 VULNERABLE (VOCS) (1)
PECK 1	1902854	MUNICIPAL	ACTIVE	VOCS NO3 Cl,04	05/89 3.4 ND	06/09 2.5 ND	06/09 VULNERABLE
ST JO 1	1902358	MUNICIPAL	DESTROYED	TCE PCE NO3 Cl,04	5.4 2.7 60.0 1.0	01/02 4.6 06/91 2.2 06/02 0.6/02 01/02	02/02/2 02/02 06/96 46.0 ND
ST JO 2	8000177	MUNICIPAL	ACTIVE	TCE PCE NO3 Cl,04	2.3 3.5 5.10 8.6	12/04 06/09 12/04 06/02	1.8 3.5 49.0 0.6/09 06/09 07/08
ATTALA, MARY L.	NA	IRRIGATION	ACTIVE	VOCS NO3 Cl,04	09/96 19.4 ND	04/98 19.4 04/98 ND	06/09 VULNERABLE (VOCS AND Cl,04)
AZUSA ASSOCIATES LLC	1903390	IRRIGATION	DESTROYED	VOCS NO3 Cl,04	ND 4.7 ND	03/98 03/98 03/98	ND 4.7 ND
DALTON	AZUSA, CITY OF						
05 (OLD 01)	1902533	MUNICIPAL	ACTIVE	TCE PCE CF NO3 Cl,04	1.0 0.3 1.5 22.9 ND	12/80 ND 08/08 1.3 08/08	08/08 VULNERABLE (NO3)
06 (OLD 03)	1902535	MUNICIPAL	ACTIVE	VOCS NO3 Cl,04	ND 14.2 ND	03/85 03/95 07/97 08/08	3.7 08/08 ND 08/08
GENESIS 1 (OLD 04)	1902536	MUNICIPAL	DESTROYED	MTBE NO3 Cl,04	1.2 ND 72	11/98 1.1 11/98 7.2	11/98 11/98 11/98
GENESIS 2 (OLD 05)	1902537	MUNICIPAL	INACTIVE	TCE PCE 1,1-DCE 1,1,1-TCA NO3 Cl,04	250.0 95.0 1.0 2.6 2.5 105.5 ND	12/79 04/80 02/08 02/08 02/08 02/08 02/08	3.7 02/08 1.0 2.6 2.5 15.9 ND
GENESIS 3 (OLD 06)	1902538	MUNICIPAL	DESTROYED	TCE PCE Cl,04 VOCS Cl,04 VOCS NO3	0.1 112.9 NA ND 4.5 ND 4.4	03/87 ND 08/08 ND 08/08 07/97 ND 08/08	03/87 ND 08/08 NA ND 08/08 08/08 08/08
BANKS, GALE & VICKI							
NA	1900415						
BASELINE WATER COMPANY							
01		IRRIGATION	DESTROYED	VOCS Cl,04	ND ND	02/08 99.7 Cl,04	02/08 99.7 02/08 12.9
01 (OLD 07)	80000772	MUNICIPAL	ACTIVE	VOCS Cl,04	ND 4.5 ND	06/67 3.8 07/97 ND	02/08 02/08 02/08 11/98
03 (OLD 08)	8000086	MUNICIPAL	ACTIVE	VOCS NO3	ND 4.4	06/87 03/95 ND	08/08 08/08 08/08 11/98

APPENDIX C
**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	RECORDATION NUMBER	USAGE	STATUS	CONTAMINANT OF CONCERN	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L)	CONTAMINANT OF CONCERN	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L)	REMARKS
CL04	01	1902457	MUNICIPAL	ACTIVE	VOCS NO3 Cl,04	ND 5.5 ND	06/69 5.5 ND	06/68 3.6 08/08	
CL04	04	1902458	MUNICIPAL	ACTIVE	VOCS NO3 Cl,04	ND 5.5 ND	06/88 5.5 ND	06/89 2.8 08/08	
CL04	08	1902113	MUNICIPAL	DESTROYED	VOCS NO3 Cl,04	ND 55.0 ND	05/97 55.0 06/87	05/97 32.1 06/87	
CL04	09	1902117	MUNICIPAL	ACTIVE	TCE CF NO3 Cl,04	0.8 0.5 12.1 ND	03/94 0.5 08/04 07/97	0.8 0.5 08/04 07/97	VULNERABLE (NO3)
CL04	07	1902116	MUNICIPAL	ACTIVE	VOCS NO3 Cl,04	ND 24.7 ND	06/88 24.7 06/97	ND 08/08 08/08	
CL04	09	1902117	MUNICIPAL	INACTIVE	PCE NO3 Cl,04	7.4 11/77 ND	12/87 7.4 08/04 07/97	0.6 0.6 07/97	VULNERABLE (VOCS)
CL04	11	1902425	MUNICIPAL	DESTROYED	TCE NO3 Cl,04	4.5 107.0 ND	01/80 107.0 03/95	ND 02/77 39.4	
CL04	10	8000103	MUNICIPAL	ACTIVE	PCE CF NO3 Cl,04	0.9 1.4 64.0 12.6	02/09 0.9 05/08 08/05	0.7 11/68 84.0 11.0	
CL04	12	8000179	MUNICIPAL	ACTIVE	INDUSTRIAL VOCS NO3 Cl,04	3.9 ND ND	08/08 3.6 06/02	3.5 10/98 ND	
CL04	03	1902589	INDUSTRIAL	INACTIVE	INDUSTRIAL VOCS NO3 Cl,04	ND ND ND	06/02 06/02 06/02	ND 08/08 08/08	
CL04	01	1901200	IRRIGATION	ACTIVE	VOCS NO3 Cl,04	ND 20.7 ND	06/66 20.7 09/97	ND 10/98 16.0 08/08	
CL04	02	1901201	IRRIGATION	DESTROYED	VOCS NO3 Cl,04	ND 74.3 ND	11/98 74.3 08/08	ND 11/98 11/98	

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONTAMINANT OF CONCERN	CONCENTRATION (NOC3 IN UGL, OTHERS IN UG/L)	HISTORIC HIGH VALUE	MOST RECENT DATE	REMARKS
03	1901202	IRRIGATION	DESTROYED	VOCs NO3 ClO4	NA NA	NA	NA	
BEVERLY ACRES MUTUAL WATER USERS ASSOCIATION					NA NA	NA	NA	
ROSE HILLS	8000004	MUNICIPAL	DESTROYED	TCE - PCE C1,2-DCE	8.4 6.0	10/88 08/86	2.5 2.4	03/93 03/93
BIRENBAUM, MAX	NA	NON-POTABLE	ACTIVE	VOCs NO3 ClO4	22.5 NA	08/86 NA	14.6 2.4	09/90 03/93
BOTELLO WATER COMPANY	NA	MUNICIPAL	ACTIVE	VOCs NO3 ClO4	NA NA	NA	NA	
BURBANK DEVELOPMENT COMPANY	1900093	NON-POTABLE	ACTIVE	VOCs NO3 ClO4	NA NA	NA	NA	
CALIFORNIA-AMERICAN WATER COMPANY/DUARTE SYSTEM	B_V	MUNICIPAL	ACTIVE	VOCs NO3 ClO4	ND 3.6	02/85 08/90	ND 2.7	09/08 09/08
BACON	1900497	MUNICIPAL	ACTIVE	BFM DBCM MC	1.8 1.0	09/08 10/06	1.8 1.0	09/08 09/08
CR HV	1903018	MUNICIPAL	ACTIVE	VOCs NO3 ClO4	ND 10.0	10/81 08/97	7.5 08/08	09/87 ND
FISH C	1900358	MUNICIPAL	ACTIVE	VOCs NO3 ClO4	ND 6.7	06/88 07/85	ND 3.4	09/08 09/03
LAS L	1900357	MUNICIPAL	DESTROYED	VOCs NO3 ClO4	ND 12.1	02/85 08/80	ND 4.1	06/91 09/91
LAS L2	8000140	MUNICIPAL	ACTIVE	TCE NO3 ClO4	1.6 16.6	08/96 08/97	ND 7.3	09/06 09/08
MT AVE	1900356	MUNICIPAL	DESTROYED	TCE PCE 1,1,1-TGA 1,1,1-DCE	16.6 1.0	07/87 08/82	ND 8.4 3.4	09/93 04/85 07/87

APPENDIX C

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	RECORDATION NUMBER	STATUS	USAGE	CONTAMINANT OF CONCERN	CONCENTRATION (NO3 IN UGL, OTHERS IN UG/L)	HISTORIC HIGH VALUE	MOST RECENT DATE	REMARKS
STATE	190054	1901441	MUNICIPAL	ACTION	TCE	3.3	04/84	ND	VULNERABLE (NO3)
					CF	0.5	05/08	05/08	
					MC	0.5	05/08	05/08	
					NOS	59.0	01/80	3.4	
					ClO4	ND	06/97	ND	
					CF	4.2	09/01	ND	
					NOS	11.0	03/81	6.9	
					ClO4	ND	08/97	ND	
BR 1	1902807	1903059	MUNICIPAL	ACTION	TCE	0.5	12/66	0.5	VULNERABLE (NO3)
					CF	27.0	07/93	27.0	
					MC	9.0	12/96	12/96	
					NOS	31.4	12/96	31.4	
					ClO4	NA	NA	NA	
GRAND	1900926	1900918	MUNICIPAL	ACTION	TCE	17.0	12/86	17.0	VULNERABLE (NO3)
					CF	6.4	12/96	6.4	
					MC	26.3	07/93	25.1	
					ClO4	NA	NA	NA	
					VOCS	ND	06/88	ND	
					ClO4	ND	08/97	13.0	
					CF	ND	07/08	ND	
					ClO4	ND	06/97	ND	
HALL	1900917	1902324	MUNICIPAL	DESTROYED	TCE	4.8	03/07	1.4	VULNERABLE (NO3)
					CF	2.1	12/08	0.6	
					MC	10.9	08/03	6.5	
					ClO4	ND	08/97	ND	
					VOCS	NA	NA	NA	
					ClO4	NA	NA	NA	
HALL 2	8000175	1902867	MUNICIPAL	ACTION	TCE	5.2	08/99	5.2	VULNERABLE (NO3)
					CF	5.4	12/01	5.4	
					MC	20.0	05/01	19.0	
					ClO4	ND	08/97	ND	
					VOCS	NA	NA	NA	
					ClO4	NA	NA	NA	
IVAR 1	1900923	1902867	MUNICIPAL	DESTROYED	TCE	6.9	07/89	0.6	VULNERABLE (NO3)
					CF	3.6	03/07	0.6	
					MC	23.3	11/87	ND	
					ClO4	7.5	05/87	12.4	
					VOCS	ND	08/97	11.0	
					ClO4	ND	08/97	ND	
IVAR 2	1900935	1902867	MUNICIPAL	ACTIVE	TCE	7.4	06/99	6.2	VULNERABLE (NO3)
					CF	1.7	06/99	ND	
					MC	29.2	08/94	26.0	
					ClO4	ND	08/97	ND	
					VOCS	NA	NA	NA	
					ClO4	NA	NA	NA	
LONGDEN	1900935	1900924	MUNICIPAL	ACTIVE	TCE	7.5	03/09	6.1	VULNERABLE (CL04)
					CF	69.6	03/08	65.0	
					MC	4.1	03/03	ND	
					ClO4	ND	08/97	07/08	
MAR 1	1900924	1900924	MUNICIPAL	DESTROYED	TCE	ND	01/85	ND	
					CF	89.0	03/79	39.0	
					MC	NA	NA	NA	
					ClO4	NA	NA	NA	

APPENDIX C

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	RECORDATION NUMBER	STATUS	USAGE	CONTAMINANT OF CONCERN	CONCENTRATION (NO3 IN UGL, OTHERS IN UG/L)	HISTORIC HIGH VALUE	MOST RECENT DATE	REMARKS
STATE	190054	1901441	MUNICIPAL	ACTION	TCE	3.3	04/84	ND	VULNERABLE (NO3)
					CF	0.5	05/08	05/08	
					MC	0.5	05/08	05/08	
					NOS	59.0	01/80	3.4	
					ClO4	ND	06/97	ND	
					CF	4.2	09/01	ND	
					NOS	11.0	03/81	6.9	
					ClO4	ND	08/97	ND	
BR 1	1902807	1903059	MUNICIPAL	ACTION	TCE	0.5	12/66	0.5	VULNERABLE (NO3)
					CF	27.0	07/93	27.0	
					MC	9.0	12/96	12/96	
					NOS	31.4	12/96	31.4	
					ClO4	NA	NA	NA	
CALIFORNIA-AMERICAN WATER COMPANY/SAN MARINO SYSTEM	BR 1	1901441	MUNICIPAL	ACTION	TCE	0.5	12/66	0.5	VULNERABLE (NO3)
					CF	27.0	07/93	27.0	
					MC	9.0	12/96	12/96	
					NOS	31.4	12/96	31.4	
					ClO4	NA	NA	NA	
DELMAR	1903059	1900917	MUNICIPAL	ACTION	TCE	17.0	12/86	17.0	VULNERABLE (NO3)
					CF	6.4	03/09	6.4	
					MC	26.3	07/93	25.1	
					ClO4	NA	NA	NA	
					VOCS	ND	06/88	ND	
					ClO4	ND	08/97	13.0	
					CF	ND	07/08	ND	
					ClO4	ND	06/97	ND	
GUESS	1900918	1900926	MUNICIPAL	ACTION	TCE	5.2	08/99	5.2	VULNERABLE (NO3)
					CF	5.4	12/01	5.4	
					MC	20.0	05/01	19.0	
					ClO4	ND	08/97	ND	
					VOCS	NA	NA	NA	
					ClO4	NA	NA	NA	
HALL	1900917	1902324	MUNICIPAL	DESTROYED	TCE	6.9	07/89	0.6	VULNERABLE (NO3)
					CF	3.6	03/09	0.6	
					MC	23.3	11/87	ND	
					ClO4	7.5	05/87	12.4	
					VOCS	ND	08/97	11.0	
					ClO4	ND	08/97	ND	
HOWLAND	1902324	1902867	MUNICIPAL	ACTION	TCE	6.9	07/89	0.6	VULNERABLE (NO3)
					CF	3.6	03/09	0.6	
					MC	23.3	11/87	ND	
					ClO4	7.5	05/87	12.4	
					VOCS	ND	08/97	11.0	
					ClO4	ND	08/97	ND	
IVAR 1	1900923	1902867	MUNICIPAL	DESTROYED	TCE	7.4	06/99	6.2	VULNERABLE (NO3)
					CF	1.7	06/99	ND	
					MC	29.2	08/94	26.0	
					ClO4	ND	08/97	ND	
					VOCS	NA	NA	NA	
					ClO4	NA	NA	NA	
IVAR 2	1900935	1902867	MUNICIPAL	ACTIVE	TCE	7.5	03/09	6.1	VULNERABLE (CL04)
					CF	69.6	03/08	65.0	
					MC	4.1	03/03	ND	
					ClO4	ND	08/97	07/08	
LONGDEN	1900935	1900924	MUNICIPAL	ACTIVE	TCE	7.5	03/09	6.1	VULNERABLE (CL04)
					CF	69.6	03/08	65.0	
					MC	4.1	03/03	ND	
					ClO4	ND	08/97	07/08	
MAR 1	1900924	1900924	MUNICIPAL	DESTROYED	TCE	ND	01/85	ND	
					CF	89.0	03/79	39.0	
					MC	NA	NA	NA	
					ClO4	NA	NA	NA	

APPENDIX C
**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L)				REMARKS	
				CONTAMINANT OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT DATE	DATE VALUE		
CL-04				NA	NA	NA	NA		
MAR 2	1900925	MUNICIPAL	DESTROYED	VOCS NO3 CL-04	33.0 0.184	33.0 NA	0.184 NA		
MAR 3	1903019	MUNICIPAL	ACTIVE	VOCS NO3 CL-04	ND 0.185	ND NA	0.185 NA		
MIVW 1	1900919	MUNICIPAL	DESTROYED	VOCS NO3 CL-04	5.8 0.908	5.8 ND	0.908 ND		
MIVW 2	1900920	MUNICIPAL	ACTIVE	VOCS NO3 CL-04	20.0 0.908	20.0 ND	0.908 ND		
RIC 1	1900921	MUNICIPAL	INACTIVE	VOCS NO3 CL-04	ND 0.285	ND NA	0.285 NA	VULNERABLE (NO3)	
RIC 2	1900922	MUNICIPAL	DESTROYED	VOCS NO3 CL-04	23.4 0.869	23.4 NA	0.869 NA		
ROANOKE	1900934	MUNICIPAL	INACTIVE	TCE PCE NO3 CL-04	5.0 0.600	4.7 0.600	0.600 0.600	VULNERABLE (VOCS, NO3, AND CL-04)	
ROSEMEAD	1900927	MUNICIPAL	ACTIVE	TCE PCE NO3 CL-04	3.4 0.309	2.0 0.609	0.309 0.609	VULNERABLE (VOCS AND NO3)	
CALIFORNIA COUNTRY CLUB	1902531	IRRIGATION	STANDBY	VOCS NO3 CL-04	ND 0.5	ND 0.900	0.5 0.900		
ARTES				NO3 CL-04	33.0 0.569	29.2 1.200	0.569 1.200		
CLUB	1902529	IRRIGATION	INACTIVE	PCE NO3 CL-04	5.6 0.687	ND 0.300	0.687 ND		
SYCAMORE	1903084	IRRIGATION	STANDBY	VOCS NO3 CL-04	23.7 0.07	17.0 10.08	0.07 10.08	VULNERABLE (NO3)	
CALIFORNIA DOMESTIC WATER COMPANY	01-E	1901182	MUNICIPAL	DESTROYED	PCE NO3 CL-04	189.0 24.0	118.7 118.7	118.7 118.7	
	02	1901181	MUNICIPAL	ACTIVE	PCE NO3 CL-04	0.7 2.0	0.0408 0.0408	0.0409 0.0409	VULNERABLE (VOCS, NO3, AND CL-04)
	03	1903057	MUNICIPAL	ACTIVE	PCE NO3 CL-04	7.1 0.7	0.9012 0.001	1.1 0.001	VULNERABLE (VOCS)
				NO3 CL-04	128.0 0.007	100.0 7.0	0.007 7.0		
				ND 0.2368	ND 0.2368	ND 0.2368	0.2368		
CEMEX CONSTRUCTION MATERIALS L.P. (AZ TWO)	02	1900038	INDUSTRIAL	DESTROYED	PCE NO3 CL-04	94.0 2.0	0.0402 0.0402	0.0402 0.0402	
	01 SOUTH	1901141	MUNICIPAL	DESTROYED	PCE NO3 CL-04	26.8 1.1-DCA	0.0003 0.0003	0.0003 0.0003	
	02 NORTH	1902783	MUNICIPAL	DESTROYED	PCE NO3 CL-04	20.0 1.1-TCA	0.0003 0.0003	0.0003 0.0003	
CHAMPION MUTUAL WATER COMPANY					VC NO3 CL-04	7.4 1.1	0.0003 0.0003	0.0003 0.0003	

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 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	RECORDATION NUMBER	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L)				REMARKS
				CONTAMINANT OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT DATE	DATE VALUE	
CL-2-CE				VOCS NO3 CL-04	1.5 0.966	1.008 0.0409	0.966 0.0409	VULNERABLE (NO3)
MAR 4				PCE NO3 CL-04	47.6 0.0409	22.0 0.0409	47.6 0.0409	VULNERABLE (NO3)
MAR 5	05	1901183	MUNICIPAL	DESTROYED	PCE NO3 CL-04	9.5 0.0409	12.08 0.0409	VULNERABLE (NO3)
MAR 6				PCE NO3 CL-04	2.0 0.0409	0.2855 0.0409	2.0 0.0409	VULNERABLE (NO3)
MAR 7				PCE NO3 CL-04	13.0 0.0409	0.384 0.0409	13.0 0.0409	VULNERABLE (NO3)
MAR 8				PCE NO3 CL-04	1.9 0.0409	0.0896 0.0409	1.9 0.0409	VULNERABLE (NO3)
MAR 9				PCE TCE 1,1-DCE	14.6 1.1-DCE	0.0409 0.0409	14.6 0.0409	VULNERABLE (NO3)
MAR 10				PCE TCE 1,1-DCE	17.8 1.1-DCE	0.0409 0.0409	17.8 0.0409	VULNERABLE (NO3)
MAR 11				PCE TCE 1,1-DCE	2.7 1.1-DCE	0.0409 0.0409	2.7 0.0409	VULNERABLE (NO3)
MAR 12				PCE NO3 CL-04	1.6 0.0409	0.0409 0.0409	1.6 0.0409	VULNERABLE (NO3)
MAR 13				PCE NO3 CL-04	28.0 0.0409	0.401 0.0409	28.0 0.0409	VULNERABLE (NO3)
MAR 14				PCE NO3 CL-04	0.0409	0.0697 0.0409	0.0409	VULNERABLE (NO3)
MAR 15				PCE TCE 1,1-DCE	3.5 1.1-DCE	0.0409 0.0409	3.5 0.0409	VULNERABLE (NO3)
MAR 16				PCE TCE 1,1-DCE	16.1 1.1-DCE	0.0409 0.0409	16.1 0.0409	VULNERABLE (NO3)
MAR 17				PCE TCE 1,1-DCE	23.7 1.1-DCE	0.0409 0.0409	23.7 0.0409	VULNERABLE (NO3)
MAR 18				PCE NO3 CL-04	4.5 0.0409	0.0409 0.0409	4.5 0.0409	VULNERABLE (NO3)
MAR 19				PCE NO3 CL-04	2.6 0.0409	0.0409 0.0409	2.6 0.0409	VULNERABLE (NO3)
MAR 20				PCE NO3 CL-04	2.3 0.0409	0.0409 0.0409	2.3 0.0409	VULNERABLE (NO3)
MAR 21				PCE NO3 CL-04	1.4 0.0409	0.0409 0.0409	1.4 0.0409	VULNERABLE (NO3)
MAR 22				PCE NO3 CL-04	29.0 0.0409	0.0409 0.0409	29.0 0.0409	VULNERABLE (NO3)
MAR 23				PCE NO3 CL-04	27.0 0.0409	0.0409 0.0409	27.0 0.0409	VULNERABLE (NO3)
MAR 24				PCE NO3 CL-04	5.6 0.0409	0.0409 0.0409	5.6 0.0409	VULNERABLE (NO3)
MAR 25				PCE NO3 CL-04	0.6 0.0409	0.0409 0.0409	0.6 0.0409	VULNERABLE (NO3)
MAR 26				PCE NO3 CL-04	4.1 0.0409	0.0409 0.0409	4.1 0.0409	VULNERABLE (NO3)
MAR 27				PCE NO3 CL-04	14.0 0.0409	0.0409 0.0409	14.0 0.0409	VULNERABLE (NO3)
MAR 28				PCE NO3 CL-04	11.01 0.0409	0.0409 0.0409	11.01 0.0409	VULNERABLE (NO3)
MAR 29				PCE NO3 CL-04	13.0 0.0409	0.0409 0.0409	13.0 0.0409	VULNERABLE (NO3)
MAR 30				PCE NO3 CL-04	0.0409	0.0409 0.0409	0.0409	VULNERABLE (NO3)
MAR 31				PCE NO3 CL-04	3.9 0.0409	0.0409 0.0409	3.9 0.0409	VULNERABLE (NO3)
MAR 32				PCE NO3 CL-04	18.0 0.0409	0.0409 0.0409	18.0 0.0409	VULNERABLE (NO3)
MAR 33				PCE NO3 CL-04	0.5 0.0409	0.0409 0.0409	0.5 0.0409	VULNERABLE (NO3)
MAR 34				PCE NO3 CL-04	0.7 0.0409	0.0409 0.0409	0.7 0.0409	VULNERABLE (NO3)
MAR 35				PCE NO3 CL-04	1.0 0.0409	0.0409 0.0409	1.0 0.0409	VULNERABLE (NO3)
MAR 36				PCE NO3 CL-04	1.1 0.0409	0.0409 0.0409	1.1 0.0409	VULNERABLE (NO3)
MAR 37				PCE NO3 CL-04	0.7 0.0409	0.0409 0.0409	0.7 0.0409	VULNERABLE (NO3)
MAR 38				PCE NO3 CL-04	0.6 0.0409	0.0409 0.0409	0.6 0.0409	VULNERABLE (NO3)
MAR 39				PCE NO3 CL-04	0.8 0.0409	0.0409 0.0409	0.8 0.0409	VULNERABLE (NO3)
MAR 40				PCE NO3 CL-04	4.2 0.0409	0.0409 0.0409	4.2 0.0409	VULNERABLE (NO3)
MAR 41				PCE NO3 CL-04	0.4 0.0409	0.0409 0.0409	0.4 0.0409	VULNERABLE (NO3)
MAR 42				PCE NO3 CL-04	0.2 0.0409	0.0409 0.0409	0.2 0.0409	VULNERABLE (NO3)
MAR 43				PCE NO3 CL-04	0.1 0.0409	0.0409 0.0409	0.1 0.0409	VULNERABLE (NO3)
MAR 44				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 45				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 46				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 47				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 48				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 49				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 50				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 51				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 52				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 53				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 54				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 55				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 56				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 57				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 58				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 59				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 60				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 61				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 62				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 63				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 64				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 65				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 66				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 67				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 68				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 69				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 70				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 71				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 72				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 73				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 74				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 75				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 76				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 77				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 78				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 79				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 80				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 81				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 82				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 83				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409	0.0 0.0409	VULNERABLE (NO3)
MAR 84				PCE NO3 CL-04	0.0 0.0409	0.0409 0.0409</		

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

RECORDATION NUMBER	WELL NAME	LOCATION	USAGE	STATUS	CONCENTRATION (NO. IN MCL, OTHERS IN MG/L)			REMARKS
					CONTAMINANT	HISTORIC HIGH	MOST RECENT VALUE	
					DATE	DATE	DATE	
01	1900906	MUNICIPAL	INACTIVE	PCE NOx ClO4	3.0 NA NA	0/9/91 NA NA	0/9/91 NA NA	VULNERABLE (VOCs)
02	1902816	MUNICIPAL	ACTIVE	PCE NOx ClO4	0.8 27.0 ND	0/6/88 0/6/99 0/6/97	ND 27.0 0/6/98	VULNERABLE (NOx)
03	8000121	MUNICIPAL	ACTIVE	PCE FRED-113 NOx ClO4	1.3 18.0 24.0 ND	0/9/66 0/9/07 0/9/98 0/9/86	ND ND 23.0 ND	VULNERABLE (NOx)
CHEVRON USA INC.								
TEMP 1	1902520	NON-POTABLE	NON-POTABLE	INACTIVE	VOCS NOx ClO4	NA NA NA	NA NA NA	
01	8000138	NON-POTABLE	NON-POTABLE	ACTIVE	VOCS NOx ClO4	ND 104.8 24.0	0/9/96 0/2/98 0/2/98	1/0/08 88.0 24.0
LAYTON MANUFACTURING COMPANY								
02	1901655	INDUSTRIAL	DESTROYED	TCE PCE 1,1-DCE 6-1,2-DDE 1,1-DCA 1,2-DCA 1,1,1-TCA NOx ClO4	160.0 30.0 10.0 1.7 15.0 13.0 1.1 87.0 4.0	0/8/61 0/8/61 0/8/61 1.7 0/8/61 0/8/61 0/8/61 0/8/61 0/8/61	47.0 47.0 ND ND ND ND ND 39.7 4.0	0/8/03 0/8/03 0/8/03 0/8/03 0/8/03 0/8/03 0/8/03 0/8/03 0/8/03
OWNER: JAMES W., DBA CONER NURSERY								
03	1902951	NON-POTABLE	NON-POTABLE	INACTIVE	PCE TCE 1,1-DCE C-1,2-DCE 1,1,1-TCA	283.5 10.2 1.6 6.7 6.8 22.0 67.0 9.0	0/2/98 11/87 0/8/67 0/2/98 0/2/98 0/2/98 0/2/98 0/2/98	1/0/01 3.4 1/0/01 1.6 2.7 1/0/01 ND 0/8/98
05R	1903072	NON-POTABLE	NON-POTABLE	ACTIVE	PCE TCE 1,1-DCE C-1,2-DCE 1,1,1-TCA	7.7 1.6 2.7 5.5	0/2/98 1/0/01 ND 1/0/03	0.5 1/0/08 1/0/08 1/0/08 (VOCs, NOx AND ClO4)

APPENDIX C

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

RECORDATION NUMBER	WELL NAME	LOCATION	USAGE	STATUS	CONCENTRATION (NO. IN MCL, OTHERS IN MG/L)			REMARKS	
					CONTAMINANT	HISTORIC HIGH	MOST RECENT VALUE		
					DATE	DATE	DATE		
01	1900906	MUNICIPAL	INACTIVE	PCE NOx ClO4	3.0 NA NA	0/9/91 NA NA	0/9/91 NA NA	VULNERABLE (VOCs)	
02	1902816	MUNICIPAL	ACTIVE	PCE NOx ClO4	0.8 27.0 ND	0/6/88 0/6/99 0/6/97	ND 27.0 0/6/98	VULNERABLE (NOx)	
03	8000121	MUNICIPAL	ACTIVE	PCE FRED-113 NOx ClO4	1.3 18.0 24.0 ND	0/9/66 0/9/07 0/9/98 0/9/86	ND ND 23.0 ND	VULNERABLE (NOx)	
CHEVRON USA INC.									
TEMP 1	1902520	NON-POTABLE	NON-POTABLE	INACTIVE	VOCS NOx ClO4	NA NA NA	NA NA NA		
01	8000138	NON-POTABLE	NON-POTABLE	ACTIVE	VOCS NOx ClO4	ND 10/4.8 24.0	0/9/96 89.0 0/2/98	1/0/08 1/0/08 0/2/98	
LAYTON MANUFACTURING COMPANY									
02	1901655	INDUSTRIAL	DESTROYED	TCE PCE 1,1-DCE 6-1,2-DDE 1,1-DCA 1,2-DCA 1,1,1-TCA NOx ClO4	160.0 30.0 10.0 1.7 15.0 13.0 1.1 87.0 4.0	0/8/1 0/8/1 0/8/1 1.7 0/8/1 0/8/1 ND 0/8/1 0/8/1	47.0 0/8/3 0/8/3 0/8/3 0/8/1 0/8/1 0/8/1 0/8/1 0/8/1 0/8/7	0/8/3 0/8/3 0/8/3 0/8/1 0/8/1 0/8/1 ND 0/8/1 0/8/7	
OWNER: JAMES W., DBA CONER NURSERY									
03	1902951	NON-POTABLE	NON-POTABLE	INACTIVE	PCE TCE 1,1-DCE C-1,1-DCE 1,1,1-TCA	283.5 10.2 1.6 6.7 6.8 22.0 67.0 9.0	0/2/98 11/87 0/8/1 0/2/98 0/2/98 0/2/98 0/2/98 0/2/98	17.0 3.4 1.6 4.6 2.7 12.0 ND ND	VULNERABLE (NOx AND ClO4)
05R	1903072	NON-POTABLE	NON-POTABLE	ACTIVE	PCE TCE CTC 1,1-DCE	7.7 1.6 2.7 5.5	0/2/98 10/61 ND 10/03	0.5 10/08 10/08 0.3	VULNERABLE (VOCs, NOx AND ClO4)

APPENDIX C

HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L)				REMARKS
				CONTAMINANT OF CONCERN	HISTORIC VALUE	HIGH DATE	MOST RECENT VALUE	
E10A	8000130	REMEDIAL	ACTIVE	NO3 Cl, O4	NA NA	NA NA	NA NA	NA NA
E11A	8000131	REMEDIAL	ACTIVE	VOCS NO3 Cl, O4	NA NA	NA NA	NA NA	NA NA
EX1	8000141	REMEDIAL	ACTIVE	VOCS NO3 Cl, O4	NA NA	NA NA	NA NA	NA NA
EX2	8000142	REMEDIAL	ACTIVE	VOCS NO3 Cl, O4	NA NA	NA NA	NA NA	NA NA
EX3	8000143	REMEDIAL	ACTIVE	VOCS NO3 Cl, O4	NA NA	NA NA	NA NA	NA NA
EX4	8000144	REMEDIAL	ACTIVE	VOCS NO3 Cl, O4	NA NA	NA NA	NA NA	NA NA
LE1	8000104	REMEDIAL	ACTIVE	TCE PCE NO3 Cl, O4	4.2 0.8 NA NA	06/86 09/86 NA NA	3.7 0.8 NA NA	VULNERABLE (VOCS)
LE2	8000105	REMEDIAL	ACTIVE	TCE PCE NO3 Cl, O4	0.1 0.1 NA NA	06/86 06/86 NA NA	ND ND 09/86 09/86	ND ND NA NA
LE3	8000106	REMEDIAL	ACTIVE	TCE PCE NO3 Cl, O4	1.5 1.6 NA NA	06/86 06/86 NA NA	1.2 0.8 NA NA	09/86 09/86 NA NA
LE4	8000107	REMEDIAL	ACTIVE	TCE PCE NO3 Cl, O4	5.1 2.0 NA NA	09/86 09/86 NA NA	5.1 2.0 NA NA	09/86 09/86 NA NA
COVINA, CITY OF	01	1901685	MUNICIPAL	INACTIVE	RCE NO3 Cl, O4	0.6 ND NA	01/99 01/99 NA	0.6 ND NA
	02 (GRAND)	1901686	MUNICIPAL		VOCS NO3 Cl, O4	116.0 23.0	09/89 09/97	120.0 103.0 NA
03	1901687	MUNICIPAL	DESTROYED	VOCS NO3 Cl, O4	NO3 Cl, O4	72.0 NA	10/73 NA	72.0 22.0 NA
BAL 1	1900885	MUNICIPAL	ACTIVE	TCE PCE 1,1-DCE MC NO3 Cl, O4	200.0 7.6 0.5 0.9 35.5 1.5	07/80 07/80 10/06 10/06 12/89 09/06	ND ND ND ND 5.4 09/06	VULNERABLE (VOCS AND NO3)

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION #03 IN NGL, OTHERS IN UGL				REMARKS
				CONTAMINANT OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT DATE	DATE	
BAL 2	1800883	MUNICIPAL	ACTIVE	TCE PCE 1,1-DCE N03 Cl,04	196.0 0.8 42.7 5.6	06/80 07/07 12/89 03/09	ND ND 33.0 5.5	VULNERABLE (VOCS, N03 AND Cl,04)
BAL 3	1800882	MUNICIPAL	ACTIVE	TCE PCE CTC 1,1-DCA 1,2-DCA 1,1-DCE T-1,2-DCE 1,1,1-TCA N03	225.0 10.0 3.0 4.0 3.7 2.1 2.9 5.2 57.3 5.6	01/80 02/85 04/85 10/08 02/85 ND 02/85 ND 08/89 34.0 19/08 04/09 09/08 4.5	ND ND ND ND ND ND ND ND ND ND ND ND ND ND 04/09 04/09	VULNERABLE (VOCS, N03 AND Cl,04)
CONTR	1800881	MUNICIPAL	INACTIVE	PCE N03 Cl,04	1.4 125.3 NA	12/92 12/89 NA	1.3 108.0 NA	03/94 03/94 NA
VALEN	1800880	MUNICIPAL	INACTIVE	PCE N03 Cl,04	2.4 73.0 6.4	08/85 06/81 09/97	0.6 69.3 6.4	08/87 08/87 09/97
CIREVOLIN, A.J.	NA	8000011	DOMESTIC	INACTIVE	VOCS N03 Cl,04	NA NA NA	NA NA NA	NA NA NA
CROWN CITY PLATING COMPANY				INDUSTRIAL	ACTIVE	TCE 1,1-DCE N03 Cl,04	1.2 1.4 05/87 7.4	08/04 05/87 ND 09/04 3.4 10/07
DAVIDSON OPTRONICS INC.	NA	8000012	INDUSTRIAL					
DAWES, MARY K.	04	1902932	IRRIGATION	INACTIVE	VOCS N03 Cl,04	NA NA NA	NA NA NA	NA NA NA
BURKE/T	1900331	MUNICIPAL	ACTIVE	TCE PCE N03 Cl,04	2.2 3.7 31.0	06/90 03/97 ND	ND ND 12/03	09/08 09/08 15
KLING	1900332	MUNICIPAL	INACTIVE	PCE N03 Cl,04	1.3	08/86	ND	02/89 NA NA
DRIFTWOOD DAIRY	01	1902924	INDUSTRIAL	ACTIVE	PCE 1,1,1-TCA N03 65.1	13.9 0.3 03/93 65.1	08/98 03/93 03/93 45.8	13.9 ND 06/98 06/98

HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)

APPENDIX C
**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN µG/L) CONTAMINANT HISTORIC HIGH MOST RECENT OF CONCERN VALUE DATE	REMARKS	
GIFFORD, BROOKS JR.	01	1902144	NA	DESTROYED VOCS NO3 CL04	NA NA NA NA NA NA	
GLENDORA, CITY OF	01-E	1901523	MUNICIPAL	ACTIVE TCE NO3 CL04	0.8 12/80 ND 08/07 38.1 10/88 35.0 08/03 ND 06/97 ND	
	02-E	1901526	MUNICIPAL	ACTIVE VOCS NO3 CL04	03/85 ND 08/08 70.0 05/78 9.4 12/08 ND 07/97 ND	
	03-G	1901525	MUNICIPAL	INACTIVE TCE PCE NO3 CL04	0.5 12/79 ND 05/97 0.5 05/97 0.5 08/99 162.4 08/93 111.0 08/99 NA NA NA	
	04-E	1901524	MUNICIPAL	INACTIVE TCE PCE NO3 CL04	0.7 08/60 ND 08/61 0.1 07/61 ND 08/61 126.0 06/83 56.8 08/61 NA NA NA	
	05-E	8000149	MUNICIPAL	ACTIVE VOCS NO3 CL04	ND 02/95 ND 09/08 3.2 05/95 2.1 06/09 ND 07/97 ND	
	07-G	1900831	MUNICIPAL	INACTIVE TCE PCE NO3 CL04	302.0 01/81 ND 04/98 25.0 01/81 1.9 04/98 438.0 05/84 ND 04/98 C-1,2-DCE 1,1-DCA 1,1,1-TCA NO3 CL04	VULNERABLE (VOCS AND CL04)(3)
	08-E	1900829	MUNICIPAL	ACTIVE MC NO3 CL04	0.7 08/02 ND 03/09 6.6 08/66 ND 12/08 ND 07/97 ND	
	09-E	1900830	MUNICIPAL	ACTIVE VOCS NO3 CL04	ND 05/89 ND 09/08 4.1 08/96 ND 12/08 ND 07/97 ND	
	10-E	1900828	MUNICIPAL	ACTIVE CF NO3 CL04	1.9 07/97 ND 03/09 78.0 05/77 40.0 08/09 ND 07/97 ND	
	11-E	1900826	MUNICIPAL	ACTIVE VOCS NO3 CL04	ND 05/82 ND 10/08 117.5 08/73 48.0 06/09 ND 07/97 ND	
	12-G	1900827	MUNICIPAL	ACTIVE TCE MC NO3 CL04	0.9 09/08 ND 09/08 2.2 05/89 ND 09/08 4.7 07/98 ND 12/08 ND 06/97 ND	
	13-E	8000184	MUNICIPAL	ACTIVE BF NO3 CL04	0.7 08/04 ND 03/09 25.0 08/09 25.0 08/09 ND 08/04 ND	
GOEDERT, LILLIAN						

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**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	RECORDATION NUMBER	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN µG/L) CONTAMINANT HISTORIC HIGH MOST RECENT OF CONCERN VALUE DATE	REMARKS	CONCENTRATION (NO3 IN MG/L, OTHERS IN µG/L) CONTAMINANT HISTORIC HIGH MOST RECENT OF CONCERN VALUE DATE				REMARKS
						IRIGATION	USAGE	STATUS	CONTAMINANT HISTORIC HIGH MOST RECENT OF CONCERN VALUE DATE	
GOEDERT	800159	800159	DESTROYED	VOCS NO3 CL04	ND 06/08 7.0 06/08 ND 06/08	VOCS NO3 CL04	ND 06/08 7.0 06/08 ND 06/08	DESTROYED	TCE PCE NO3 CL04	15.0 07/83 72.9 07/83 NA 07/02
						EARL	1	1902144	MUNICIPAL	ACTIVE
						ENC	1	1902024	MUNICIPAL	ACTIVE
						ENC	2	1902035	MUNICIPAL	ACTIVE
						FAR	1	1902034	MUNICIPAL	ACTIVE
						FAR	2	1902048	MUNICIPAL	ACTIVE
						GAR	1	1900513	MUNICIPAL	ACTIVE
						GID	1	1902032	MUNICIPAL	DESTROYED
						GID	2	1902031	MUNICIPAL	DESTROYED
						GRA	1	1902030	MUNICIPAL	INACTIVE
						GRA	2	1902461	MUNICIPAL	INACTIVE

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

APPENDIX C

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRANT (NO3 IN MG/L, OTHERS IN ug/L)	CONTAMINANT HISTORIC HIGH VALUE OF CONCERN	MOST RECENT VALUE	DATE	REMARKS
JEF 1	1902017	MUNICIPAL	INACTIVE	TCE PCE 1,1-DCE MC NO3 CL04	340.0 23.0 31.0 10.0 52.0 NA	01/80 03/81 01/85 01/85 01/85 NA	98.0 8.0 31.0 10.0 48.7 NA	VULNERABLE (NO3 AND CL04)
JEF 2	1902018	MUNICIPAL	INACTIVE	TCE PCE 1,1-DCE 1,1,1-TCA MC NO3 CL04	260.0 15.0 20.0 54.0 6.0 68.0 NA	01/80 03/81 01/85 01/85 01/85 06/77 NA	140.0 6.0 20.0 54.0 6.0 61.0 NA	VULNERABLE (NO3 AND CL04)
JEF 3	1902019	MUNICIPAL	INACTIVE	TCE PCE 1,1,1-TCA T-1,2-DCE NO3 CL04	121.0 12.0 29.0 2.4 52.0 NA	02/81 03/81 04/85 04/85 12/84 NA	4.9 0.6 ND ND 23.5 NA	VULNERABLE (VOCS AND NO3)
JEF 4	8000111	MUNICIPAL	ACTIVE	VOCS NO3 CL04	ND 14.7 ND	08/08 07/89 08/08	08/08 5.5 ND	VULNERABLE (NO3 AND CL04)
PER 1	1902027	MUNICIPAL	ACTIVE	TCE PCE NO3 CL04	26.8 6.8 22.8 ND	10/80 07/87 08/08 08/97	1.1 0.5 19.0 ND	VULNERABLE (VOCS AND NO3)
S G 1	1900510	MUNICIPAL	ACTIVE	TCE PCE C-1,2-DCE 1,1-DCE FREON 11 NO3 CL04	6.8 46.0 1.8 1.8 1.2 27.0 8.1	12/03 04/06 11/04 06/04 11/04 04/02 08/03	ND 7.8 ND ND ND 21.0 ND	VULNERABLE (NO3 AND CL04)
S G 2	1900511	MUNICIPAL	ACTIVE	TCE PCE C-1,2-DCE NO3 CL04	3.6 11.0 1.2 53.1 7.0	06/09 02/03 02/01 10/05 02/03	10/05 0.8 ND 53.1 ND	VULNERABLE (VOCS AND CL04)(1)
SAX 1	1900515	MUNICIPAL	DESTROYED	PCE MC NO3 CL04	1.4 2.2 33.1 ND	04/97 04/89 10/97 ND	0.9 0.9 33.1 ND	VULNERABLE (NO3)
SAX 3	1900514	MUNICIPAL	ACTIVE	VOCS NO3 CL04	ND 27.3 ND	04/89 11/96 08/97	ND 2.3 ND	VULNERABLE (NO3)
SAX 4	8000146	MUNICIPAL	ACTIVE	VOCS NO3 CL04	ND 60.0 NA	03/92 60.0 NA	ND NA NA	VULNERABLE (NO3 AND CL04)
GOLDEN STATE WATER COMPANY/SAN DIMAS DISTRICT	ART-1	MUNICIPAL	DESTROYED	VOCS NO3 CL04	NA	NA	NA	VULNERABLE (NO3 AND CL04)
GOLDEN STATE WATER COMPANY/SAN DIMAS DISTRICT	ART-2	MUNICIPAL	ACTIVE	VOCS NO3 CL04	ND ND ND	06/09 08/07 08/07	ND ND ND	VULNERABLE (NO3)
GOLDEN STATE WATER COMPANY/SAN DIMAS DISTRICT	ART-3	MUNICIPAL	ACTIVE	VOCS NO3 CL04	ND 60.0 4.7	05/09 01/73 02/09	ND 33.0 4.0	VULNERABLE (NO3 AND CL04)
GOLDEN STATE WATER COMPANY/SAN DIMAS DISTRICT	ART-4	MUNICIPAL	ACTIVE	VOCS NO3 CL04	ND 60/69 47.0	05/09 06/09 07/09	ND ND ND	VULNERABLE (NO3 AND CL04)
GOLDEN STATE WATER COMPANY/SAN DIMAS DISTRICT	ART-5	MUNICIPAL	ACTIVE	VOCS NO3 CL04	ND 60/69 47.0	05/09 06/09 07/09	ND ND ND	VULNERABLE (NO3 AND CL04)
GOLDEN STATE WATER COMPANY/SAN DIMAS DISTRICT	ART-6	MUNICIPAL	ACTIVE	VOCS NO3 CL04	ND 60/69 47.0	05/09 06/09 07/09	ND ND ND	VULNERABLE (NO3 AND CL04)
GOLDEN STATE WATER COMPANY/SAN DIMAS DISTRICT	ART-7	MUNICIPAL	ACTIVE	VOCS NO3 CL04	ND 60/69 47.0	05/09 06/09 07/09	ND ND ND	VULNERABLE (NO3 AND CL04)
GOLDEN STATE WATER COMPANY/SAN DIMAS DISTRICT	ART-8	MUNICIPAL	ACTIVE	VOCS NO3 CL04	ND 60/69 47.0	05/09 06/09 07/09	ND ND ND	VULNERABLE (NO3 AND CL04)
GOLDEN STATE WATER COMPANY/SAN DIMAS DISTRICT	L.HILL 2	MUNICIPAL	DESTROYED	VOCS NO3 CL04	ND ND ND	08/06 09/87 08/08	ND 19.0 ND	VULNERABLE (NO3)
GOLDEN STATE WATER COMPANY/SAN DIMAS DISTRICT	MALON	MUNICIPAL	ACTIVE	VOCS NO3 CL04	NA NA NA	NA	NA	VULNERABLE (NO3)
GOLDEN STATE WATER COMPANY/SAN DIMAS DISTRICT	GREEN, WALTER	IRRIGATION	INACTIVE	VOCS NO3	NA NA	NA	NA	VULNERABLE (NO3)
GOLDEN STATE WATER COMPANY/SAN DIMAS DISTRICT	8000027	IRRIGATION	INACTIVE	VOCS NO3	NA NA	NA	NA	VULNERABLE (NO3)

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 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L OTHERS IN µG/L) OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT VALUE	DATE	REMARKS
NA	8000228	NONPOTABLE	INACTIVE	VOCS NO3 ClO4	NA NA NA	NA NA NA	NA NA NA	NA
HALL (WE) COMPANY	1902496	DOMESTIC	INACTIVE	VOCS NO3 ClO4	NA NA NA	NA NA NA	NA NA NA	NA
HANSEN, ALICE	2948C	8000229	IRRIGATION	ACTIVE	VOCS NO3 ClO4	NA NA NA	NA NA NA	NA NA NA
HANSON AGGREGATES WEST, INC.	DJA 1	1900961	INDUSTRIAL	INACTIVE	VOCS NO3 ClO4	NA NA NA	NA NA NA	NA NA NA
EL_1	1901492	INDUSTRIAL	ACTIVE	VOCS NO3 ClO4	17.0 ND 0.98	ND 0.98 0.92	2.2 ND 0.92	0.98 NA NA
EL_3	1901493	INDUSTRIAL	ACTIVE	VOCS NO3 ClO4	ND 22.0 ND	0.908 0.903 0.902	ND 2.8 ND	0.908 0.903 0.902
EL_4	1903006	INDUSTRIAL	ACTIVE	VOCS NO3 ClO4	ND 6.3 NA	0.902 0.908 ND	ND 0.902 NA	0.902 NA NA
KIN 1	1900963	INDUSTRIAL	DESTROYED	VOCS NO3 ClO4	NA NA NA	NA NA NA	NA NA NA	NA NA NA
HARTLEY, DAVID	NA	8000085	DOMESTIC	ACTIVE	VOCS NO3 ClO4	ND 11.0 NA	10.95 0.96 0.96	ND 75.0 NA
HEMLOCK MUTUAL WATER COMPANY	NORTH	1901176	MUNICIPAL	ACTIVE	PCE TCE NO3 ClO4	51.7 0.7 18.9 ND	0.08/9 12.67 12.05 0.98	VULNERABLE (VOCS) (1)
SOUTH	1902806	MUNICIPAL	ACTIVE	PCE TCE NO3 ClO4	21.0 0.9 32.7 ND	1.287 0.489 12.94 0.97	ND 0.08/9 5.0 0.97	
INDUSTRY WATERWORKS SYSTEM, CITY OF	01	1902581	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	40.0 9.0 15.3 0.6 60.2	0.1/80 0.04/80 10.92 0.10/92 10.92	1.7 5.0 15.3 0.6 60.2
	02	1902582	MUNICIPAL	INACTIVE	TCE	19.0	0.1/80	2.3

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 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	CONCENTRATION (NO3 IN MG/L OTHERS IN µG/L) OF CONCERN			CONTAMINANT OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT VALUE	DATE	REMARKS
		CONTAMINANT HIGH VALUE	CONTAMINANT HIGH DATE	STATUS					
NA	8000228	NONPOTABLE	INACTIVE	VOCS NO3 ClO4	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA
HALL (WE) COMPANY	1902496	DOMESTIC	INACTIVE	VOCS NO3 ClO4	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA
HANSEN, ALICE	2948C	8000229	IRRIGATION	ACTIVE	VOCS NO3 ClO4	NA NA NA	NA NA NA	NA NA NA	NA NA NA
HANSON AGGREGATES WEST, INC.	DJA 1	1900961	INDUSTRIAL	INACTIVE	VOCS NO3 ClO4	NA NA NA	NA NA NA	NA NA NA	NA NA NA
EL_1	1901492	INDUSTRIAL	ACTIVE	VOCS NO3 ClO4	17.0 ND 0.98	ND 0.98 0.92	2.2 ND 0.92	0.98 NA NA	0.98 NA NA
EL_3	1901493	INDUSTRIAL	ACTIVE	VOCS NO3 ClO4	ND 22.0 ND	0.908 0.903 0.902	ND 2.8 ND	0.908 0.903 0.902	0.908 NA NA
EL_4	1903006	INDUSTRIAL	ACTIVE	VOCS NO3 ClO4	ND 6.3 NA	0.902 0.908 ND	ND 0.902 NA	0.902 NA NA	0.902 NA NA
KIN 1	1900963	INDUSTRIAL	DESTROYED	VOCS NO3 ClO4	NA NA NA	NA NA NA	NA NA NA	NA NA NA	NA NA NA
HARTLEY, DAVID	NA	8000085	DOMESTIC	ACTIVE	VOCS NO3 ClO4	ND 11.0 NA	10.95 0.96 0.96	ND 75.0 NA	0.902 NA NA
HEMLOCK MUTUAL WATER COMPANY	NORTH	1901176	MUNICIPAL	ACTIVE	PCE TCE NO3 ClO4	51.7 0.7 18.9 ND	0.08/9 12.67 12.05 0.98	VULNERABLE (VOCS) (1)	0.902 NA NA
SOUTH	1902806	MUNICIPAL	ACTIVE	PCE TCE NO3 ClO4	21.0 0.9 32.7 ND	1.287 0.489 12.94 0.97	ND 0.08/9 5.0 0.97	VULNERABLE (VOCS) (1)	0.902 NA NA
INDUSTRY WATERWORKS SYSTEM, CITY OF	01	1902581	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	40.0 9.0 15.3 0.6 60.2	0.1/80 0.04/80 10.92 0.10/92 10.92	1.7 5.0 15.3 0.6 60.2	0.902 NA NA
	02	1902582	MUNICIPAL	INACTIVE	TCE	19.0	0.1/80	2.3	0.902 NA NA
	03	1902859	MUNICIPAL	ACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	04	1902860	MUNICIPAL	DESTROYED	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	05	1902861	MUNICIPAL	ACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	06	1902862	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	07	1902863	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	08	1902864	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	09	1902865	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	10	1902866	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	11	1902867	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	12	1902868	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	13	1902869	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	14	1902870	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	15	1902871	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	16	1902872	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	17	1902873	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	18	1902874	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	19	1902875	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	20	1902876	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	21	1902877	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	22	1902878	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	23	1902879	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	24	1902880	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	25	1902881	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	26	1902882	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	27	1902883	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	28	1902884	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	29	1902885	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	30	1902886	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	31	1902887	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	32	1902888	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	33	1902889	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	34	1902890	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	35	1902891	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	36	1902892	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	105.0 6.5 2.1 0.3/60 1.2/60	12.08 12.02 1.1/63 0.3/60 1.1/63	79.0 3.4 11.63 3.1 12.00	0.902 NA NA NA NA
	37	1902893	MUNICIPAL	INACTIVE	TCE PCE TCE NO3 ClO4	10			

APPENDIX C HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)

RECORDATION NUMBER	WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (IND/M3) MGL OTHERS IN (UG/L)						REMARKS	
					CONTAMINANT OF CONCERN	HISTORIC VALUE	HIGH DATE	MOST RECENT VALUE	DATE	DATE		
04	8000062	MUNICIPAL	STANDBY		1,1-DCA CF NO3 Cl,04	0.5 1.8 95.0	0/01/01 0/1/80	ND 30.6	0/01/09 0/6/09	0/01/09 0/4/09	VULNERABLE (NO3)(14)	
05	8000209	MUNICIPAL	ACTIVE		TCE CFC Cl,04	84.3 6.6 7.6	0/30/00 0/4/95 0/4/95	2.9 1.9 0.7	0/4/04 0/4/04	0/4/04 0/4/04	VULNERABLE (NO3)(14)	
A VERNE, CITY OF PAUL	SNIIDO	1902322	MUNICIPAL	DESTROYED	VOCs NO3 Cl,04	15.6 0.5	11/98 0/30/06	1.7 1.0	0/4/04 0/30/09	2.3 1.2	0/4/04 0/30/09	
	WH5-L	1902789	MUNICIPAL	DESTROYED	VOCs NO3 Cl,04	24.9 0.5	0/4/95 0/30/06	1.8 1.2	0/4/04 0/30/09	7.12	0/4/04	
	WC24-L	1901197	MUNICIPAL	DESTROYED	VOCs NO3 Cl,04	43.0 3.8 2.3	0/30/08 0/30/08 0/30/08	25.0 2.2 1.0	0/30/09 0/30/09 0/30/09			
					1,1-DCA 1,1,2-DCA 1,1-DCE C-1,2-DCE CF NO3 Cl,04	2.7 0.5 0.8 0.5 1.7 28.0 65.0	0/1/80 0/1/80 0/1/80 0/1/80 0/30/08 0/30/09 0/30/08	ND ND ND ND ND 27.0 32.0	0/30/09 0/30/09 0/30/09 0/30/09 0/30/09 0/30/09 0/4/09			
		8000018	DOMESTIC	INACTIVE	VOCs NO3 Cl,04							
		8000019	DOMESTIC	INACTIVE	VOCs NO3 Cl,04							
		8000020	DOMESTIC	INACTIVE	VOCs NO3 Cl,04							
		8000021	DOMESTIC	INACTIVE	VOCs NO3 Cl,04							
	02	1902580	NON POTABLE	ACTIVE	PCE TCE 1,2-DCA NO3 Cl,04	6.6 1.3 0.5	0/01/04 0/1/96 10.7	6.6 1.3 0.0	0/01/04 0/01/04 10.7	0/01/04 0/01/04 ND	0/01/04 0/01/04 0/01/04	
03	1902663	IRRIGATION	DESTROYED		PCE TCE NO3	2.1 0.7 4.8	0/01/94 0/01/94 0/01/94	2.1 0.7 4.8	0/01/94 0/01/94 0/01/94	0/01/94 0/01/94 0/01/94	0/01/94 0/01/94 0/01/94	

APPENDIX C

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (MG/C IN UGL, OTHERS IN UGL)				REMARKS
				CONTAMINANT OF CONCERN	HISTORIC VALUE	HIGH DATE	MOST RECENT VALUE	
03A	8000150	IRRIGATION	ACTIVE	CLO4	NA	NA	NA	NA
				TCE	2.5	11/90	ND	10/08
				N03	2.1	08/96	ND	10/08
				CLO4	ND	08/97	ND	08/97
04	1902684	IRRIGATION	INACTIVE	1,1,1-TCA	0.7	05/87	ND	1/87
				N03	NA	NA	NA	NA
				CLO4	NA	NA	NA	NA
05	1902685	IRRIGATION	ACTIVE	PCE	39.0	09/03	35.7	10/08
				TCE	1.3	09/03	ND	10/08
				N03	18.0	09/03	14.0	10/08
				CLO4	ND	08/97	ND	08/97
06	1902686	IRRIGATION	INACTIVE	PCE	7.4	08/96	2.8	VULNERABLE (VOCS)
				TCE	8.3	08/96	2.9	11/99
				1,1-DCA	ND	11/99	ND	11/99
				1,1-DCA	2.0	08/96	ND	11/99
				C-1,2-DCE	1.4	08/96	ND	11/99
				N03	4.5	08/96	0.8	11/99
				CLO4	11.6	08/96	8.4	11/99
				NA	NA	NA	NA	NA
600	8000090	IRRIGATION	INACTIVE	VOCS	ND	07/98	ND	07/98
				N03	4.8	07/98	4.8	07/98
				CLO4	ND	07/98	ND	07/98
BIG RED	8000098	NON POTABLE	ACTIVE	1,2-DCA	0.6	01/06	ND	VULNERABLE (VOCS)
				N03	12.0	03/02	ND	10/08
				CLO4	ND	08/97	ND	08/97
NEW LAKE	8000089	NON POTABLE	ACTIVE	PCE	19.7	02/00	ND	VULNERABLE (VOCS)
				TCE	ND	11/08	ND	11/08
				CF	1.3	1/08	1.3	11/08
				N03	22.0	02/00	12.0	11/08
				CLO4	ND	08/97	ND	08/97
SF 1	8000070	NON POTABLE	ACTIVE	TCE	4.3	09/04	ND	VULNERABLE (VOCS)
				PCE	7.6	09/04	ND	03/09
				VC	1.4	12/87	ND	10/08
				N03	16.0	09/02	11.3	03/09
				CLO4	ND	08/97	ND	08/97
WH 1	1902579	NON POTABLE	ACTIVE	PCE	3.8	09/04	2.8	VULNERABLE (VOCS)
				TCE	1.0	09/04	ND	10/08
				N03	6.7	10/04	5.7	10/08
				CLO4	ND	08/97	ND	08/97
LOS FLORES MUTUAL WATER COMPANY								
HI 1	21902098	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA
				N03	NA	NA	NA	NA
				CLO4	NA	NA	NA	NA
LO 1	11902098	MUNICIPAL	DESTROYED	VOCS	NA	NA	NA	NA
				N03	NA	NA	NA	NA
				CLO4	NA	NA	NA	NA
LOUCKS, DAVID	NA	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA
				N03	NA	NA	NA	NA
				CLO4	NA	NA	NA	NA
MAECHTLIN ESTATE	M-N	DOMESTIC	INACTIVE	VOCS	NA	NA	NA	NA
				N03	NA	NA	NA	NA
				CLO4	NA	NA	NA	NA

APPENDIX C
**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L)				REMARKS
				CONTAMINANT OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT DATE	VALUE	
CLD60	1902321	DOMESTIC	INACTIVE	VOCS NO3 CL04	NA NA NA	NA NA NA	NA NA NA	
SNIDO	1902322	DOMESTIC	INACTIVE	VOCS NO3 CL04	NA NA NA	NA NA NA	NA NA NA	
MANNING BROTHERS ROCK AND SAND COMPANY	36230	INDUSTRIAL	DESTROYED	TCE NO3 CL04	520.0 NA	127.9 NA	100.0 01/80	04
MAPLE WATER COMPANY	01	MUNICIPAL	DESTROYED	VOCS NO3 CL04	ND 68.0	ND 06/89	ND 07/96	05
MARTINEZ, FRANCES M.	02	MUNICIPAL	DESTROYED	VOCS NO3 CL04	ND 62.7	ND 06/89	ND 07/96	06
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA	02	NON-POTABLE	DESTROYED	VOCS NO3 CL04	NA NA NA	NA NA NA	NA NA NA	MONROVIA NURSERY
MILLER COORS LLC (MILLER BREWING COMPANY)	01	INDUSTRIAL	INACTIVE	VOCS NO3 CL04	ND 9.8	ND 01/92	ND 06/08	07 MONTEREY PARK, CITY OF
N BREWER	02	INDUSTRIAL	INACTIVE	VOCS NO3 CL04	ND 14.0	ND 01/92	ND 05/08	08
MONROVIA, CITY OF	01	MUNICIPAL	INACTIVE	VOCS NO3 CL04	ND 3.9	ND 11/92	ND 12.0	09
	02	MUNICIPAL	ACTIVE	TCE NO3 CL04	46.8 2.1	03/81 0.8	04/02 0.02	10
	04	MUNICIPAL	ACTIVE	TCE POE 1,1-TCA	187.0 11.0	08/82 0.6	03/09 0.09	11

APPENDIX C
**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L)		REMARKS
				CONTAMINANT OF CONCERN	HISTORIC HIGH VALUE	
CLD60	1902321	DOMESTIC	INACTIVE	VOCS NO3 CL04	NA NA NA	ND 07/08
SNIDO	1902322	DOMESTIC	INACTIVE	VOCS NO3 CL04	NA NA NA	ND 03/09
MANNING BROTHERS ROCK AND SAND COMPANY	36230	INDUSTRIAL	DESTROYED	TCE NO3 CL04	18.0 6.0	04/09
MAPLE WATER COMPANY	01	MUNICIPAL	DESTROYED	VOCS NO3 CL04	1.1-DCE 0.8	04/09
MARTINEZ, FRANCES M.	02	MUNICIPAL	DESTROYED	VOCS NO3 CL04	1.1-DCE 0.8	04/09
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA	02	NON-POTABLE	DESTROYED	VOCS NO3 CL04	0.7 0.7	07/08
MILLER COORS LLC (MILLER BREWING COMPANY)	01	INDUSTRIAL	INACTIVE	VOCS NO3 CL04	49.6 19.0	04/09
N BREWER	02	INDUSTRIAL	INACTIVE	VOCS NO3 CL04	ND 08/97	07/08
MONROVIA, CITY OF	01	MUNICIPAL	STANDBY	TCE NO3 CL04	5.1 6.0	04/09
	02	MUNICIPAL	DESTROYED	VOCS NO3 CL04	1.0 1.0	04/09
	03	MUNICIPAL	DESTROYED	VOCS NO3 CL04	1.0 1.0	04/09
	04	MUNICIPAL	DESTROYED	VOCS NO3 CL04	1.2 1.2	04/09
	05	MUNICIPAL	ACTIVE	TCE NO3 CL04	28.8 10.0	04/09
	06	MUNICIPAL	ACTIVE	TCE NO3 CL04	5.1 6.0	04/09
	07	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	08	MUNICIPAL	ACTIVE	TCE NO3 CL04	4.9 5.0	04/09
	09	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.2 1.2	04/09
	10	MUNICIPAL	ACTIVE	TCE NO3 CL04	2.6 2.6	04/09
	11	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	12	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	13	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	14	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	15	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	16	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	17	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	18	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	19	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	20	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	21	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	22	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	23	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	24	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	25	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	26	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	27	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	28	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	29	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	30	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	31	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	32	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	33	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	34	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	35	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	36	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	37	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	38	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	39	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	40	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	41	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	42	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	43	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	44	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	45	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	46	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	47	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	48	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	49	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	50	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	51	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	52	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	53	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	54	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	55	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	56	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	57	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	58	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	59	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	60	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	61	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	62	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	63	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	64	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	65	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	66	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	67	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	68	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	69	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	70	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	71	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	72	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	73	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	74	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	75	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	76	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	77	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	78	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	79	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	80	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	81	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	82	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	83	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	84	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	85	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	86	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	87	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	88	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	89	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	90	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	91	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	92	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	93	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	94	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	95	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	96	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	97	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	98	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	99	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	100	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	101	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	102	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	103	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	104	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	105	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	106	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	107	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	108	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	109	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	110	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	111	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	112	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	113	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	114	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	115	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	116	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	117	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	118	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	119	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	120	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	121	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	122	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	123	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	124	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	125	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	126	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	127	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	128	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	129	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	130	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	131	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	132	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09
	133	MUNICIPAL	ACTIVE	TCE NO3 CL04	1.0 1.0	04/09

APPENDIX C
**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L) OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT DATE	REMARKS	
05 1900457	MUNICIPAL	ACTIVE	TCE PCE C-1,2-DCE 1,1-DCA 1,1-DCE NO3 Cl,04	7.0 35.8 2.0 1.1 0.7 20.0 6.5	01/92 05/08 11/01 0.9 11/01 10.0 08/02 02/01	3.0 05/09 05/09 0.6 05/09 18.0 05/09 ND	VULNERABLE (Cl,04) (1)	
06 1900458	MUNICIPAL	STANDBY	TCE PCE CF NO3 Cl,04	6.4 13.6 0.8 1.3	05/09 01/91 11/01 0.8	3.1 05/05 1.2 05/05 0.6 05/05 24.7 04/02	VULNERABLE (VOCs, NO3, AND Cl,04)	
07 1902372	MUNICIPAL	ACTIVE	PCE TCE NO3 Cl,04	4.4 3.6 12.8	08/05 07/98 08/09	3.6 05/09 08/08 2.3 08/08 ND	VULNERABLE (VOCs)	
08 1902373	MUNICIPAL	ACTIVE	PCE NO3 Cl,04	2.5 17.0	02/05 08/05	1.9 03/09 ND	IRRIGATION	
09 1902890	MUNICIPAL	ACTIVE	PCE TCE NO3 Cl,04	11.0 1.3	03/04 04/97	2.9 05/09 ND	VULNERABLE (VOCs) (1)	
10 1902818	MUNICIPAL	STANDBY	PCE TCE C-1,2-DCE NO3 Cl,04	14.0 2.6 0.8 27.1	05/04 05/04 05/04 05/09	11.0 05/09 ND	VULNERABLE (NO3 AND Cl,04)	
12 1903033	MUNICIPAL	ACTIVE	PCE TCE C-1,2-DCE NO3 Cl,04	85.0 5.4 1.0 1.1	05/02 10/05 11/08 08/05	38.0 05/09 2.8 0.7 0.8 05/09	VULNERABLE (NO3 AND Cl,04) (1)	
14 1903092	MUNICIPAL	ACTIVE	PCE TCE C-1,2-DCE NO3 Cl,04	2.2 2.9 0.8 10.0	05/02 11/02 08/02 10/06	0.7 05/06 ND	VULNERABLE (VOCs)	
15 8000196	MUNICIPAL	ACTIVE	PCE TCE C-1,2-DCE NO3 Cl,04	128.0 3.4 0.8 23.0	11/08 07/06 11/08 07/06	85.0 05/09 2.5 05/09 22.0 05/09	VULNERABLE (NO3) (1)	
FERN	8000128	MUNICIPAL	STANDBY	PCE TCE C-1,2-DCE NO3 Cl,04	9.9 2.3 0.7	09/08 08/02 03/04	7.8 05/09 ND	VULNERABLE (VOCs AND NO3)
NAMINATSU FARMS	1901034	IRRIGATION	INACTIVE	VOCs NO3 Cl,04	NA NA NA	NA NA NA	NA NA NA	VULNERABLE (VOCs AND NO3)
OWL ROCK PRODUCTS COMPANY	1903119	INDUSTRIAL	INACTIVE	VOCs	ND	05/87	ND	ND

APPENDIX C

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	RECORDATION NUMBER	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L) OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT DATE	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L) OF CONCERN			REMARKS	
							CONTAMINANT OF CONCERN	INDUSTRIAL	DOMESTIC		
PICO COUNTY WATER DISTRICT	8000040	1902241	INDUSTRIAL	VOCs NO3 Cl,04	NA	10/08	ND	ND	ND	ND	
POLOPOLIS ET AL.	01	1902169	IRRIGATION	INACTIVE	PCE TCE 1,1-DCA 1,2-DCA 1,1,2-DCE 1,1,2,2-DCE 1,1,1,2,2-TCA CFC	01/96 08/92 11/08 08/92 11/08 08/92 08/92	330.0 488.9 22.0 1.2 115.3 22.0 1.5	10/06 08/92 18.0 0.9 08/92 08/92 08/92	270.0 488.9 22.0 1.2 115.3 22.0 1.5	VULNERABLE (NO3)	
RICHWOOD MUTUAL WATER COMPANY	NORTH 2	1901522	MUNICIPAL	DESTROYED	PCE TCE CFC NO3 Cl,04	03/08 10/80 11/08 08/92	93.0 3.0 0.2 10/80	05/83 0.8 0.6 0.6	12/03 0.8 0.6 0.6	ND	
RUY RUTH	NA	8000041	DOMESTIC	INACTIVE	VOCs NO3 Cl,04	NA NA NA	NA NA NA	NA NA NA	NA NA NA	ND	
RURBAN HOMES MUTUAL WATER COMPANY	SOUTH 1	1901521	MUNICIPAL	DESTROYED	PCE TCE NO3 Cl,04	06/0.0 0.7 0.0 0.0	96.0 0.7 0.0 0.0	05/83 12/82 28.6 0.0	3.4 12/82 28.6 0.0	12/93 0.7 0.0 0.0	ND
SOUTH 2	1900121	MUNICIPAL	ACTIVE	INACTIVE	PCE TCE CFC NO3 Cl,04	11/80 0.8 0.8 0.8	11/80 0.8 0.8 0.8	0.8 0.8 0.8 0.8	0.8 0.8 0.8 0.8	0.8 0.8 0.8 0.8	ND
SAN GABRIEL COUNTRY CLUB	NA	8000040	INDUSTRIAL	INACTIVE	PCE TCE CFC NO3 Cl,04	09/97 0.0 0.0 0.0	09/97 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	ND

APPENDIX C
**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L), OTHERS IN ug/L	CONTAMINANT OF CONCERN	HISTORIC HIGH VALUE	HIGH DATE	MOST RECENT VALUE	MOST RECENT DATE	REMARKS
01	190547	IRRIGATION	ACTIVE	VOCS NOS CLO4	ND 67.0 8.5	08/05 54.0 5.4	08/05 08/05	VULNERABLE (CLO4)		
02	1902979	IRRIGATION	ACTIVE	VOCS NOS CLO4	ND 23.0 1.4	08/05 18/02 12/97	20.3 1.1	VULNERABLE (NO3)		
SAN GABRIEL COUNTY WATER DISTRICT										
05 BRA	1901669	MUNICIPAL	INACTIVE	TCE PCE NOS CLO4	0.9 1.9 ND	01/97 02/99 30.1	ND 1.0 70.7	03/01 08/89 09/00	MUNICIPAL	ACTIVE
06 BRA	1901670	MUNICIPAL	DESTROYED	VOCS NOS CLO4	ND 108.9 3.0	02/99 08/72 02/99	57.6 03/00 3.0	02/99	MUNICIPAL	ACTIVE
07	1901671	MUNICIPAL	ACTIVE	VOCS NOS CLO4	ND 48.0 5.6	08/89 03/03 03/03	10/08 34.0 ND	04/09 04/09	MUNICIPAL	ACTIVE
08	1901672	MUNICIPAL	INACTIVE	VOCS NOS CLO4	ND 76.0 NA	01/90 01/82 NA	03/91 23.4 NA	04/09 04/09	MUNICIPAL	INACTIVE
09	1902785	MUNICIPAL	ACTIVE	PCE NOS CLO4	2.0 5.10 ND	01/09 03/03 09/97	1.5 21.0 07/08	04/09 04/09 07/08	MUNICIPAL	DESTROYED
10	1902786	MUNICIPAL	INACTIVE	PCE NOS CLO4	18.0 50.0 5.5	08/93 05/98 11/98	1.8 31.0 5.5	11/98 11/98 11/98	MUNICIPAL	ACTIVE
11	8000067	MUNICIPAL	ACTIVE	PCE NOS CLO4	2.0 32.2 ND	06/89 04/04 09/97	1.1 16.0 ND	04/09 04/09 07/08	MUNICIPAL	ACTIVE
12	8000123	MUNICIPAL	ACTIVE	TCE MC NOS CLO4	0.8 0.6 7.0	09/02 05/90 10/01	0.02 ND 5.4	07/08 07/08 10/08	MUNICIPAL	ACTIVE
SAN GABRIEL VALLEY WATER COMPANY										
84B	1902558	MUNICIPAL	ACTIVE	TCE PCE CLO4 1,1-DCE 1,1,1-DCE C-1,2-DCE NOS CLO4	25.2 43.0 10.0 1.2-DCA 3.2 4.2 13.1 24.5	02/08 11/07 11/03 08/07 11/07 11/07 11/07 04/08	25.2 5.8 6.6 0.5 2.3 2.7 1.1 24.5	02/08 02/08 02/08 02/08 02/08 02/08 02/08 04/08	MUNICIPAL	ACTIVE
BAC	1902947	MUNICIPAL	INACTIVE	TCE PCE CLO4 1,1-DCE C-1,2-DCE NOS CLO4	ND 15.5 3.4 2.3 2.4 14.2 6.0	08/01 02/01 08/01 09/01 02/01 06/00	08/01 02/01 08/01 09/01 02/01 ND	08/01 02/01 08/01 09/01 02/01 07/00	MUNICIPAL	ACTIVE
B5A	1900718	MUNICIPAL	ACTIVE	PCE	17.5	03/01	ND	11/05	VULNERABLE	

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**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	STATUS	CONCENTRATION (NO3 IN MG/L), OTHERS IN ug/L	CONTAMINANT OF CONCERN	CONCENTRATION (NO3 IN MG/L), OTHERS IN ug/L			HISTORIC HIGH VALUE	MOST RECENT VALUE	DATE	REMARKS
					CONTAMINANT OF CONCERN	HIGH VALUE	HIGH DATE				
01	190547	IRRIGATION	ACTIVE	VOCS NOS CLO4	ND 67.0 8.5	08/05 07/97 08/05	54.0 5.4	VULNERABLE (CLO4)			
02	1902979	IRRIGATION	ACTIVE	VOCS NOS CLO4	ND 23.0 1.4	08/05 18/02 12/97	20.3 1.1	VULNERABLE (NO3)			
SAN GABRIEL COUNTY WATER DISTRICT											
05 BRA	1901669	MUNICIPAL	INACTIVE	TCE PCE NOS CLO4	0.9 1.9 ND	01/97 02/99 30.1	ND 1.0 70.7	MUNICIPAL	ACTIVE		
06 BRA	1901670	MUNICIPAL	DESTROYED	VOCS NOS CLO4	ND 108.9 3.0	02/99 08/72 02/99	57.6 03/00 3.0	MUNICIPAL	ACTIVE		
07	1901671	MUNICIPAL	ACTIVE	VOCS NOS CLO4	ND 48.0 5.6	08/89 03/03 03/03	10/08 34.0 ND	MUNICIPAL	ACTIVE		
08	1901672	MUNICIPAL	INACTIVE	VOCS NOS CLO4	ND 76.0 NA	01/90 01/82 NA	03/91 23.4 NA	MUNICIPAL	INACTIVE		
09	1902785	MUNICIPAL	ACTIVE	PCE NOS CLO4	2.0 5.10 ND	01/09 03/03 09/97	1.5 21.0 07/08	MUNICIPAL	DESTROYED		
10	1902786	MUNICIPAL	INACTIVE	PCE NOS CLO4	18.0 50.0 5.5	08/93 05/98 11/98	1.8 31.0 5.5	MUNICIPAL	ACTIVE		
11	8000067	MUNICIPAL	ACTIVE	PCE NOS CLO4	2.0 32.2 ND	06/89 04/04 09/97	1.1 16.0 ND	MUNICIPAL	ACTIVE		
12	8000123	MUNICIPAL	ACTIVE	TCE MC NOS CLO4	0.8 0.6 7.0	09/02 05/90 10/01	0.02 ND 5.4	MUNICIPAL	ACTIVE		
SAN GABRIEL VALLEY WATER COMPANY											
84B	1902558	MUNICIPAL	ACTIVE	TCE PCE CLO4 1,1-DCE 1,1,1-DCE C-1,2-DCE NOS CLO4	25.2 43.0 10.0 1.2-DCA 3.2 4.2 13.1 24.5	02/08 11/07 11/03 08/07 11/07 11/07 11/07 04/08	25.2 5.8 6.6 0.5 2.3 2.7 1.1 24.5	MUNICIPAL	ACTIVE		
BAC	1902947	MUNICIPAL	INACTIVE	TCE PCE CLO4 1,1-DCE C-1,2-DCE NOS CLO4	ND 15.5 3.4 2.3 2.4 14.2 6.0	08/01 02/01 08/01 09/01 02/01 06/00	08/01 02/01 08/01 09/01 02/01 ND	MUNICIPAL	ACTIVE		
B5A	1900718	MUNICIPAL	ACTIVE	PCE	17.5	03/01	ND	11/05	VULNERABLE		

APPENDIX C
**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN UG/L) OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT DATE	REMARKS
11C	1902713	MUNICIPAL	ACTIVE	PCE TCE C-1-DCE NO3 ClO4	4.1 1.1 2.5 12.0 ND	12/91 08/08 03/92 08/06 08/97	VULNERABLE (NO3)
1B	1902729	MUNICIPAL	ACTIVE	PCE TCE MC FREON 113 NO3 ClO4	48.0 1.8 7.1 22.3 22.4 1.1	04/81 02/80 04/87 08/08 08/08 03/08	VULNERABLE (NO3)
1C	1902946	MUNICIPAL	ACTIVE	VOCS NO3 ClO4	5.0 ND ND	07/89 10/99 08/08	VULNERABLE (NO3)
1D	8000102	MUNICIPAL	ACTIVE	VOCS NO3 ClO4	5.0 5.0 ND	07/88 10/89 08/97	VULNERABLE (NO3)
1E	8000172	MUNICIPAL	ACTIVE	PCE NO3 ClO4	0.7 4.3 5.0	08/02 11/00 03/08	VULNERABLE (ClO4)
2C	1902749	MUNICIPAL	ACTIVE	TCE PCE NO3 ClO4	15.2 3.0 16.4 ND	12/80 10/87 08/04 08/97	VULNERABLE (NO3)
2E	8000065	MUNICIPAL	ACTIVE	TCE PCE NO3 ClO4	18.0 0.9 9.1 ND	01/88 01/88 07/86 08/97	VULNERABLE (NO3)
2D	1902857	MUNICIPAL	ACTIVE	TCE PCE NO3 ClO4	25.0 0.7 8.2 ND	12/80 01/88 07/86 08/97	VULNERABLE (NO3)
2F	8000197	MUNICIPAL	ACTIVE	TCE NO3 ClO4	0.8 4.3 ND	06/08 09/06 08/08	VULNERABLE (NO3)
8A	1900736	MUNICIPAL	INACTIVE	PCE NO3 ClO4	0.6 40.2 NA	11/87 02/97 NA	VULNERABLE (NO3)
8B	1900746	MUNICIPAL	ACTIVE	PCE TCE NO3 ClO4	220.0 0.7 23.0 3.0	02/09 05/09 08/08 08/97	VULNERABLE (NO3)
8C	1900747	MUNICIPAL	ACTIVE	PCE TCE NO3 ClO4	170.0 0.8 20.0 4.0	05/09 05/09 07/98 03/08	VULNERABLE (ClO4)
8D	1903103	MUNICIPAL	ACTIVE	PCE TCE C-1-DCE CTC NO3 ClO4	62.3 0.6 0.8 0.6 28.0 2.3	02/09 08/04 05/04 06/08 06/09 03/08	VULNERABLE (NO3)

APPENDIX C
**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	RECORDATION NUMBER	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN UG/L) OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT DATE	CONCENTRANT (NO3 IN MG/L, OTHERS IN UG/L)			REMARKS
							CONTAMINANT OF CONCERN	ACTIVITY	CONCENTRANT HISTORIC HIGH MOST RECENT DATE	
8E	8000113		MUNICIPAL				PCE NO3 ClO4	ACTIVE	140.0 7.2 7.2	05/09 07/01 ND
8F	8000169		MUNICIPAL				VOCS NO3 ClO4	ACTIVE	ND 9.6 7.4	05/08 11/07 ND
B1	1902635		MUNICIPAL				TCE PCE C-1-DCE NO3 ClO4	ACTIVE	12.0 7.3 7.2 2.1 17.4	04/85 05/88 12/92 08/89 ND
B2	1902525		MUNICIPAL				TCE PCE C-1-DCE NO3 ClO4	INACTIVE	17.0 15.8 7.6 3.5 ND	03/80 11/98 11/98 02/87 02/03
B11A	1901439		MUNICIPAL				TCE PCE C-1-DCE NO3 ClO4	ACTIVE	9.8 21.7 14.0 1.5 ND	08/01 05/92 07/82 01/88 ND
B11B	8000108		MUNICIPAL				TCE PCE C-1-DCE NO3 ClO4	ACTIVE	34.0 33.7 14.0 2.6 ND	02/97 05/92 07/82 12/88 08/04
B73	1901440		MUNICIPAL				TCE PCE C-1-DCE NO3 ClO4	DESTROYED	1.4 12.4 1.2 2.6 NA	03/85 03/86 12.4 03/09 NA
B70	8000068		MUNICIPAL				TCE PCE C-1-DCE NO3 ClO4	ACTIVE	11.3 36.0 12.83 6.7 ND	12/83 03/63 7.8 03/69 ND
B71	8000094		MUNICIPAL				TCE PCE C-1-DCE NO3 ClO4	INACTIVE	2.4 26.4 1.2 2.9 NA	03/85 03/86 12.4 03/09 NA
B77	8000122		MUNICIPAL				VOCS NO3 ClO4	ACTIVE	ND 16.0 ND	08/90 11/08 08/97
B8	1901436		MUNICIPAL				VOCS NO3 ClO4	INACTIVE	NA NA NA	NA NA NA

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

RECORDATION NUMBER	NAME	STATUS	CONCENTRATION (NO3 IN MG/L OTHERS IN ug/L)				REMARKS
			CONTAMINANT	HISTORIC VALUE	HIGH VALUE	RECENT DATE	
B-9	1901437	MUNICIPAL	INACTIVE	TCE	37.0	02/85	34.7 01/87
				CTC	4.9	01/87	4.9 01/87
B-9B	8000099	MUNICIPAL	ACTIVE	NO3	84.7	02/86	68.1 02/87
				NO3	NA	NA	NA
G-A	1900725	MUNICIPAL	ACTIVE	VOCs	ND	06/87	ND 08/88
				NO3	4.5	03/87	3.4 09/88
B24A	8000203	MUNICIPAL	ACTIVE	CL04	1.2	03/08	1.2 03/08
				VOCs	6.6	08/08	4.6 05/09
				NO3	1.3	11/07	1.1 05/09
				CL04	24.9	02/09	20.0 05/09
				NO3	1.0	03/08	1.0 03/08
B24B	8000204	MUNICIPAL	ACTIVE	PCE	6.6	08/08	4.6 05/09
				TCE	2.1	05/07	ND 02/09
				NO3	4.4	02/09	4.4 02/09
				CL04	ND	01/07	ND 08/08
B24A	8000187	MUNICIPAL	ACTIVE	TCE	60.3	02/08	28.0 05/09
(SA3-15)				PCE	28.0	05/08	18.0 05/09
				CF	5.9	05/08	1.1 05/09
				CL04	1.4	10/07	ND 05/09
				1,1-DCA	6.6	02/08	3.1 05/09
				C-1,2-DCE	6.3	02/07	5.5 05/09
				CF	1.7	10/07	1.2 05/09
				NO3	78.0	05/08	78.0 05/09
				CL04	38.8	05/08	19.0 05/09
B25B	8000188	MUNICIPAL	ACTIVE	TCE	21.0	03/09	0.8 05/09
(SA3-16)				PCE	7.6	03/09	ND 05/09
				CTC	10.0	08/08	ND 05/09
				1,1-DCA	1.2	10/07	ND 05/09
				1,1-DCE	2.2	03/09	ND 05/09
				C-1,2-DCE	3.3	05/06	2.7 05/09
				CF	3.1	07/06	2.0 05/09
				NO3	68.0	05/08	57.0 05/09
				CL04	87.0	07/06	58.0 05/09
B25A	8000189	MUNICIPAL	ACTIVE	TCE	57.0	05/09	57.0 05/09
(SA3-25)				PCE	5.7	05/09	5.7 05/09
				CTC	2.8	05/09	2.8 05/09
				1,1-DCA	0.8	05/09	0.8 05/09
				1,2-DCA	4.3	11/04	3.3 05/09
				1,1-DCE	1.0	02/09	1.0 05/09
				C-1,2-DCE	3.3	05/06	2.7 05/09
				CF	3.1	07/06	2.0 05/09
				NO3	130	05/08	13.0 05/09
				CL04	23.0	04/09	23.0 05/09
B26B	8000190	MUNICIPAL	ACTIVE	TCE	31.0	05/09	31.0 05/09
(SA3-26)				PCE	-	05/09	1.0 05/09
				CTC	16.6	02/09	16.0 05/09
				1,2-DCA	1.0	02/09	1.0 05/09
				CF	1.0	05/08	1.0 05/09
				NO3	130	05/08	13.0 05/09
				CL04	23.0	04/09	23.0 05/09
IRRIGATION LA VIERNE COUNTRY CLUB							
01	8000124	IRRIGATION	ACTIVE	VOCs	ND	08/96	ND 10/07
				NO3	10.5	05/99	ND 10/07
				CL04	ND	03/98	ND 03/98
				MC	0.5	10/99	0.5 10/99
02	8000125	IRRIGATION	ACTIVE	VOCs	ND	08/96	ND 10/07

APPENDIX C

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN mg/L, OTHERS IN ug/L)				DATE	REMARKS
				CONTAMINANT OF CONCERN	HISTORIC VALUE	HIGH VALUE	MOST RECENT VALUE		
SLOAN RANCHES	01	1901198	IRRIGATION	INACTIVE	VOCS NOS CLo4	NA NA NA	NA NA NA	NA NA NA	NA NA NA
	02	8000045	IRRIGATION	INACTIVE	VOCS NOS CLo4	NA NA NA	NA NA NA	NA NA NA	NA NA NA
SONOCO PRODUCTS COMPANY	01	1912786	INDUSTRIAL	ACTIVE	TCE 1,1-DEE 1,1,1-TCA CTC CF NOS CLo4	28.6 8.5 113.0 71.8 12/99 12/99 12/99 12/99 1.2 07/96	0.6 12/05 12/05 12/05 1.0 07/04 12/05 12/05 12/05 12/05	12/05 12/05 12/05 12/05 1.0 07/04 12/05 12/05 12/05 12/05	VULNERABLE (VOCS)
	02	1902971	INDUSTRIAL	ACTIVE	TCE 1,1,1-TCA CTC 1,1-DEE PCE TCE CF NOS CLo4	0.9 2.0 5.9 1.8 10/03 10/03 10/03 10/03 1.0 07/04	0.9 11/87 11/87 12/05 1.0 07/04 12/05 12/05 12/05 12/05	12/05 12/05 12/05 12/05 1.0 07/04 12/05 12/05 12/05 12/05	VULNERABLE (VOCS AND CLo4)
SOUTH COVINA WATER SERVICE	1122W-1	1901606	MUNICIPAL	DESTROYED	VOCS NOS CLo4	NA NA NA	NA NA NA	NA NA NA	NA NA NA
SOUTHERN CALIFORNIA EDISON COMPANY	110RHI	8000046	NON-POTABLE	ACTIVE	VOCS NOS CLo4	ND 8.9	ND 02/07	ND 02/07	ND 02/07
	1EB8B	1900342	NON-POTABLE	DESTROYED	VOCS NOS CLo4	NA -	NA NA NA	NA NA NA	NA NA NA
38EIS	1900343	IRRIGATION	ACTIVE	PCE TCE NOS CLo4	4.3 51.4	09/04 09/04	4.1 0.7	02/07 02/07	VULNERABLE (VOCS AND NO3)
	38W	1900344	NON-POTABLE	INACTIVE	VOCS NOS CLo4	2.0 0.986	2.0 26.5	2.0 0.7	02/07 02/07
MURAT	8000047	IRRIGATION	ACTIVE	PCE TCE NOS CLo4	4.1 0.9	09/02 09/02	0.6 0.6	10/08 10/08	VULNERABLE (VOCS AND NO3)

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

APPENDIX C

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRANT (NO3 IN MG/L OTHERS IN ug/L) OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT DATE	REMARKS
GRAV 2	1901679	MUNICIPAL	ACTIVE	PCE CTC NO3 ClO4	16.0 6.9 56.2 6.9	07/08 07/08 82.0 02/03	7.1 6.6 05/09 5.2
WIL 2	1901681	MUNICIPAL	ACTIVE	PCE TCE NO3 ClO4	23.0 4.6 85.8 5.0	01/88 03/00 03/00 07/97	9.1 4.6 77.9 ND
WIL 3	1901682	MUNICIPAL	ACTIVE	PCE TCE NO3 ClO4	9.5 1.4 66.0 ND	08/94 05/09 01/83 07/97	3.1 1.4 26.0 ND
WIL 4	1903086	MUNICIPAL	ACTIVE	PCE TCE NO3 ClO4	8.1 2.1 30.0 ND	06/00 05/07 02/03 07/97	2.3 1.0 21.0 ND
SPEEDWAY 605 INC.	NA	NON-POTABLE	INACTIVE	VOCs NO3 ClO4	NA NA NA	NA NA NA	NA NA NA
STERLING MULTIFAMILY WATER COMPANY	NEW SO	8000132	MUNICIPAL	ACTIVE	VOCs NO3 ClO4	ND 22.0 08/08	ND 22.0 08/08
	NORTH	1902096	MUNICIPAL	ACTIVE	VOCs NO3 ClO4	ND 43.4 02/07	ND 33.0 05/09
	SOUTH	1902085	MUNICIPAL	DESTROYED	VOCs NO3 ClO4	ND 16.2 03/91	ND 14.8 08/07
SUBURBAN WATER SYSTEMS	101W-1	41901055	MUNICIPAL	DESTROYED	TCE NO3 ClO4	1.5 54.2 08/89	07/87 54.2 08/89
	102W-1	1901605	MUNICIPAL	DESTROYED	VOCs NO3 ClO4	NA NA NA	NA NA NA
	102W-2	1901606	MUNICIPAL	DESTROYED	TCE NO3 ClO4	2.0 NA NA	01/80 06/85
	103W-1	1901607	MUNICIPAL	DESTROYED	TCE NO3 ClO4	2.5 NA NA	06/80 07/82
	105W-1	1901608	MUNICIPAL	DESTROYED	PCE NO3 ClO4	1.4 46.2 NA	01/86 04/85 NA
	106W-1	1901609	MUNICIPAL	DESTROYED	VOCs NO3 ClO4	NA NA NA	NA NA NA
	111W-1	1901610	MUNICIPAL	DESTROYED	VOCs NO3 ClO4	82.5 NA	03/73 NA

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	RECORDATION NUMBER	STATUS	CONCENTRATION (NO3 IN MG/L OTHERS IN ug/L) OF CONCERN		CONTAMINANT HIGH VALUE	HISTORIC HIGH VALUE	MOST RECENT DATE	REMARKS
				CONCENTRATION (NO3 IN MG/L OTHERS IN ug/L) HIGH DATE	CONCENTRATION (NO3 IN MG/L OTHERS IN ug/L) RECENT DATE				
112W-1	1901611	1901611	MUNICIPAL	DESTROYED	VOCs NO3 ClO4	NA NA NA	NA NA NA	07/69 98.2 NA	07/69 98.2 NA
113W-1	1901612	1901612	MUNICIPAL	DESTROYED	TCE NO3 ClO4	0.7 85.0 NA	02/80 108.5 NA	03/05 67.3 NA	03/05 67.3 NA
114W-1	1901613	1901613	MUNICIPAL	INACTIVE	TCE PCE NO3 ClO4	2.9 0.6 12/03 46.7	01/80 PCE NO3 ClO4	07/95 ND 07/95 38.8	07/95 ND 04/95 NA
117W-1	1901614	1901614	MUNICIPAL	DESTROYED	VOCs NO3 ClO4	NA NA NA	NA NA NA	NA NA NA	NA NA NA
120W-1	1901615	1901615	MUNICIPAL	DESTROYED	TCE NO3 ClO4	0.3 66.0 NA	07/82 07/88 NA	08/96 60.5 NA	08/96 60.5 NA
121W-1	8000181	8000181	MUNICIPAL	ACTIVE	VOCs NO3 ClO4	16.7 4.7 11/08	ND 10/02 NA	05/09 12.0 3.9	05/09 VULNERABLE (ClO4)
122W-1	1901616	1901616	MUNICIPAL	DESTROYED	TCE NO3 ClO4	2.6 90.0 NA	08/86 08/86 NA	08/96 60.7 NA	08/96 60.7 NA
123W-1	1901617	1901617	MUNICIPAL	DESTROYED	TCE PCE NO3 ClO4	26.8 33.0 47.0 NA	04/81 04/81 05/76 NA	08/96 ND 41.0 NA	08/96 ND 08/96 NA
124W-1	1901618	1901618	MUNICIPAL	DESTROYED	TCE PCE NO3 ClO4	0.5 60.0 NA	06/83 06/83 NA	08/90 53.6 NA	08/90 53.6 NA
125W-1	1901619	1901619	MUNICIPAL	DESTROYED	VOCs NO3 ClO4	ND 30.0 NA	ND 05/76 NA	09/81 21.0 NA	09/81 21.0 NA
126W-2	8000087	8000087	MUNICIPAL	INACTIVE	VOCs NO3 ClO4	ND 50.0 NA	03/83 08/87 NA	07/95 40.6 NA	07/95 40.6 NA
128W-1	1901620	1901620	MUNICIPAL	DESTROYED	VOCs NO3 ClO4	NA 18.0 NA	NA 05/75 NA	08/75 18.0 NA	08/75 18.0 NA
131W-1	1901621	1901621	MUNICIPAL	DESTROYED	TCE PCE NO3 ClO4	ND 38.8 4.8 NA	03/85 07/97 NA	08/00 53.3 01/98	08/00 53.3 01/98
132W-2	8000092	8000092	MUNICIPAL	INACTIVE	VOCs NO3 ClO4	ND NA NA	ND NA NA	ND NA NA	ND NA NA
133W-1	1901622	1901622	MUNICIPAL	DESTROYED	TCE PCE NO3 ClO4	56.0 22/10 04/80 NA	10/93 10/93 10/93 NA	10/93 52.0 10/93 NA	10/93 52.0 10/93 NA
134W-1	1901623	1901623	MUNICIPAL	DESTROYED	TCE PCE NO3 ClO4	2.7 40.0 5.3 NA	10/93 40.0 5.3 NA	10/93 40.0 5.3 NA	10/93 40.0 5.3 NA

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

VULNERABLE
(VOCs AND NO3)

VULNERABLE
(NO3 AND ClO4)

APPENDIX C
**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

APPENDIX C

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONTAMINANT CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L) OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT VALUE	DATE	REMARKS
138W-1	1901624	MUNICIPAL	DESTROYED	PCE 1,1-DCE NOS3 Cl,CO4	0.1 13.2 43.0	1280 0.86 0.687	ND 10/93 10/93	
138W-1	1901625	MUNICIPAL	DESTROYED	TCE 1,1-DCE NOS3 Cl,CO4	0.8 59.0	3185 0.2865	ND 10/93	
138W-1	1901698	MUNICIPAL	DESTROYED	TCE 1,1-DCE PCE TCE Cl,CO4	335.0 53.0 2.4	0380 0380 10/93	66.0 9.1 2.4	
138W-2	1901599	MUNICIPAL	INACTIVE	TCE 12.1 PCE TCE Cl,CO4	34.8 0.8 0.8	0681 0960 0960	ND ND ND	01/97 01/97 01/97
138W-5	8000095	MUNICIPAL	ACTIVE	TCE 4.7 MC NOS3 Cl,CO4	34.0 0.7 103.5 34.0	1008 1008 1008 1008	103.5 10/98 10/98 34.0	02/09 ND 02/09 02/09
138W-6	8000152	MUNICIPAL	INACTIVE	TCE 51.2 PCE CTC 1,2-DCA MC NOS3 Cl,CO4	1.6 2.8 1.9 1.6 1.0 35.4	02/01 02/01 02/01 02/01 02/01 11/08	0.4 ND ND ND ND 12.0	01/90 08/01 08/01 08/01 08/01 12.0
140W-1	1901602	MUNICIPAL	DESTROYED	TCE 10 NOS3 Cl,CO4	86.9 Na Na	04/73 68.0 Na	1.0 01/80 05/75	VULNERABLE (VOCS AND NO3)
140W-3	1903067	MUNICIPAL	ACTIVE	TCE 13.6 PCE CTC NOS3 Cl,CO4	1.0 1.0 1.0 78.0	0380 0688 0981 0385	ND ND ND 9.9	12/07 12/07 12/07 12/08
140W-4	8000093	MUNICIPAL	ACTIVE	TCE 7.0 NOS3 Cl,CO4	36.4 12.6	0196 10/03	1.5 11.6	VULNERABLE (VOCS AND NO3)
140W-5	8000145	MUNICIPAL	ACTIVE	TCE 21.0 PCE NOS3 Cl,CO4	1.0 30.0 9.8	0281 0607 0309	6.2 ND 20.0	VULNERABLE (NO3)
142W-1	1901587	MUNICIPAL	DESTROYED	VOCs Cl,CO4	ND	0385	ND	02/80 06/81
142W-2	8000183	MUNICIPAL	ACTIVE	VOCs Cl,CO4	ND 9.3	0304	ND	05/09
147W-1	1901586	MUNICIPAL	DESTROYED	TCE 23.0 PCE NOS3 Cl,CO4	1.2 1.2 10.0	0385 0385 NA	23.0 03/85 10/0	02/80 06/81
147W-2	1902760	MUNICIPAL	DESTROYED	VOCs Cl,CO4	NA 54.0	0189 0189	NA 54.0	05/09
147W-3	8000077	MUNICIPAL	ACTIVE	TCE 4.1 PCE 1,1-DCE 1,1-DCA NOS3 Cl,CO4	0.8 4.4 8.9 4.8 19.8 2.7	0192 0189 0189 0189 0189 0109	0.8 3.5 2.7 3.3 8.8 2.2	05/09 05/09
148W-1	1901604	MUNICIPAL	DESTROYED	TCE 0.8 PCE VOCs Cl,CO4	ND ND ND	0880 0880 0386	ND ND NA	04/97 04/97 04/97
149W-1	1902119	MUNICIPAL	DESTROYED	VOCs Cl,CO4	ND ND	0180 0398	NA NA	05/09
150W-1	1902519	MUNICIPAL	DESTROYED	TCE 6.0 PCE VOCs Cl,CO4	6.0 ND 53.0	0691 0691 0386	ND ND 13.4	05/09 05/09
151W-1	1902518	MUNICIPAL	DESTROYED	VOCs Cl,CO4	ND ND	0180 0398	NA NA	05/09
151W-2	8000207	MUNICIPAL	ACTIVE	VOCs Cl,CO4	ND ND	0509 04/09	ND ND	05/09
151W-5	1901581	MUNICIPAL	DESTROYED	TCE 12.8 PCE VOCs Cl,CO4	12.8 8.0 116.0 21.6	0180 0398 0398 0398	ND ND 116.0 21.6	03/85 03/85 03/85 03/85
153W-1	1902871	MUNICIPAL	INACTIVE	VOCs Cl,CO4	ND ND	04/09 04/09	NA NA	05/09
152W-1	1900337	MUNICIPAL	DESTROYED	TCE 12.8 PCE VOCs Cl,CO4	12.8 8.0 43.4 NA	0180 0398 0398 NA	ND ND 43.4 NA	03/85 03/85 03/85 NA
154W-1	1902762	MUNICIPAL	DESTROYED	VOCs Cl,CO4	ND ND	0579 0579	NA NA	05/09
155W-1	1902819	MUNICIPAL	INACTIVE	PCE TCE VOCs Cl,CO4	190.0 50.0 50.0 ND	11/80 07/81 07/81 11/80	90.0 24.0 24.0 ND	11/80 11/80 11/80 11/80
155W-2	1902820	MUNICIPAL	DESTROYED	PCE TCE VOCs Cl,CO4	190.0 38.0 38.0 16.0	0480 21.0 21.0 0385	76.0 22.0 22.0 1.8	11/80 11/80 11/80 11/80

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONTAMINANT CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L) OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT HIGH VALUE	DATE	CONTAMINANT CONCERN	HISTORIC HIGH MOST RECENT VALUE	DATE	REMARKS
138W-1	1901624	MUNICIPAL	DESTROYED	PCE 1,1-DCE NOS3 Cl,CO4	43.0	0687	ND	NO3 Cl,CO4	ND 05/09	05/09	
138W-1	1901625	MUNICIPAL	DESTROYED	TCE 1,1-DCE NOS3 Cl,CO4	59.0	02865	ND	NO3 Cl,CO4	ND 05/09	05/09	
138W-1	1901698	MUNICIPAL	DESTROYED	TCE 1,1-DCE PCE TCE Cl,CO4	335.0 53.0 2.4	0380 0380 10/93	66.0 9.1 2.4	NO3 Cl,CO4	ND 03/85	03/85	
138W-2	1901599	MUNICIPAL	INACTIVE	TCE 12.1 PCE TCE Cl,CO4	34.8 0.8 0.8	0681 0960 0960	ND ND ND	01/97 01/97 01/97	ND ND ND	04/97 04/97 04/97	
138W-5	8000095	MUNICIPAL	ACTIVE	TCE 4.7 MC NOS3 Cl,CO4	34.0 0.7 103.5 34.0	1008 1008 1008 1008	103.5 10/98 10/98 34.0	02/09 ND 02/09 02/09	ND ND ND ND	04/97 04/97 04/97 04/97	
138W-6	8000152	MUNICIPAL	INACTIVE	TCE 51.2 PCE CTC 1,2-DCA MC NOS3 Cl,CO4	1.6 2.8 1.9 1.6 1.0 35.4	02/01 02/01 02/01 02/01 02/01 11/08	0.4 ND ND ND ND 12.0	01/90 08/01 08/01 08/01 08/01 12.0	VULNERABLE (VOCS AND NO3)		
140W-1	1901602	MUNICIPAL	DESTROYED	TCE 10 NOS3 Cl,CO4	86.9 Na Na	04/73 68.0 Na	1.0 01/80 05/75	VULNERABLE (VOCS AND Cl,CO4)	ND ND	04/97 04/97	
140W-3	1903067	MUNICIPAL	ACTIVE	TCE 13.6 PCE CTC NOS3 Cl,CO4	1.0 1.0 1.0 78.0	0380 0688 0981 0385	ND ND ND 9.9	VULNERABLE (NO3)	ND ND	04/97 04/97	
140W-4	8000093	MUNICIPAL	ACTIVE	TCE 7.0 NOS3 Cl,CO4	36.4 12.6	0196 10/03	1.5 11.6	VULNERABLE (VOCS AND Cl,CO4)	ND ND	04/97 04/97	
140W-5	8000145	MUNICIPAL	ACTIVE	TCE 21.0 PCE NOS3 Cl,CO4	1.0 30.0 9.8	0281 0607 0309	6.2 ND 20.0	VULNERABLE (NO3)	ND ND	04/97 04/97	
142W-1	1901587	MUNICIPAL	DESTROYED	VOCs Cl,CO4	ND	0385	ND	02/80 06/81	ND NA	02/80 06/81	
142W-2	8000183	MUNICIPAL	ACTIVE	VOCs Cl,CO4	ND 9.3	0304	ND	05/09	ND NA	05/09	
147W-1	1901586	MUNICIPAL	DESTROYED	TCE 23.0 PCE NOS3 Cl,CO4	1.2 1.2 10.0	0385 0385 NA	23.0 03/85 10/0	02/80 06/81	ND NA	02/80 06/81	
147W-2	1902760	MUNICIPAL	DESTROYED	VOCs Cl,CO4	NA 54.0	0189 0189	NA 54.0	05/09	NA NA	05/09	
147W-3	8000077	MUNICIPAL	ACTIVE	TCE 4.1 PCE 1,1-DCE 1,1-DCA NOS3 Cl,CO4	0.8 4.4 8.9 4.8 19.8 2.7	0192 0189 0189 0189 0189 0109	0.8 3.5 2.7 3.3 8.8 2.2	05/09 05/09	ND NA	05/09 05/09	
147W-4	1902761	MUNICIPAL	DESTROYED	VOCs Cl,CO4	ND ND	0180 0398	ND NA	05/09	ND NA	05/09 NA	
148W-1	1901604	MUNICIPAL	DESTROYED	TCE 0.8 PCE VOCs Cl,CO4	ND ND ND	0880 0880 0386	ND ND NA	04/97 04/97 04/97	ND ND NA	04/97 04/97 04/97	
149W-1	1902119	MUNICIPAL	DESTROYED	VOCs Cl,CO4	ND ND	0180 0398	NA NA	05/09	NA NA	05/09 NA	
150W-1	1902519	MUNICIPAL	DESTROYED	TCE 6.0 PCE VOCs Cl,CO4	6.0 ND 53.0	0691 0691 0386	ND ND NA	04/97 04/97 04/97	ND ND NA	04/97 04/97 04/97	
151W-1	1902518	MUNICIPAL	DESTROYED	VOCs Cl,CO4	ND ND	0180 0398	NA NA	05/09	NA NA	05/09 NA	
151W-2	8000207	MUNICIPAL	ACTIVE	VOCs Cl,CO4	ND ND	0509 04/09	ND ND	05/09	ND ND	05/09 NA	
151W-5	1901581	MUNICIPAL	DESTROYED	TCE 12.8 PCE VOCs Cl,CO4	12.8 8.0 116.0 21.6	0180 0398 0398 0398	ND ND 116.0 21.6	03/85 03/85 116.0 03/85	ND ND NA NA	03/85 03/85 03/85 NA	
153W-1	1902871	MUNICIPAL	INACTIVE	VOCs Cl,CO4	ND ND	04/09 04/09	NA NA	05/09	NA NA	05/09 NA	
152W-1	1900337	MUNICIPAL	DESTROYED	TCE 12.8 PCE VOCs Cl,CO4	12.8 8.0 43.4 NA	0180 0398 0398 NA	ND ND 43.4 NA	03/85 03/85 03/85 NA	ND ND NA NA	03/85 03/85 03/85 NA	
154W-1	1902762	MUNICIPAL	DESTROYED	VOCs Cl,CO4	ND ND	0579 0579	NA NA	05/09	NA NA	05/09 NA	
155W-1	1902819	MUNICIPAL	INACTIVE	PCE TCE VOCs Cl,CO4	190.0 50.0 50.0 ND	11/80 07/81 07/81 11/80	90.0 24.0 24.0 ND	02/80 02/80 02/80 11/80	ND ND ND NA	02/80 02/80 02/80 11/80	
155W-2	1902820	MUNICIPAL	DESTROYED	PCE TCE VOCs Cl,CO4	190.0 38.0 38.0 16.0	11/80 0480 0480 0385	90.0 22.0 22.0 16.0	02/80 02/80 02/80 02/80	ND ND ND NA	02/80 02/80 02/80 11/80	
140W-4	8000093	MUNICIPAL	ACTIVE	TCE 7.0 NOS3 Cl,CO4	36.4 12.6	0196 10/03	1.5 11.6	VULNERABLE (VOCS AND Cl,CO4)	ND ND	04/97 04/97	
140W-5	8000145	MUNICIPAL	ACTIVE	TCE 21.0 PCE NOS3 Cl,CO4	1.0 30.0 9.8	0281 0607 0309	6.2 ND 20.0	VULNERABLE (NO3)	ND ND	04/97 04/97	
142W-1	1901587	MUNICIPAL	DESTROYED	VOCs Cl,CO4	ND	0385	ND	02/80 06/81	ND NA	02/80 06/81	
142W-2	8000183	MUNICIPAL	ACTIVE	VOCs Cl,CO4	ND 9.3	0304	ND	05/09	ND NA	05/09 NA	
147W-1	1901586	MUNICIPAL	DESTROYED	TCE 23.0 PCE VOCs Cl,CO4	1.2 1.2 10.0	0385 0385 NA	23.0 03/85 10/0	02/80 06/81	ND NA	02/80 06/81	
147W-2	1902760	MUNICIPAL	DESTROYED	VOCs Cl,CO4	NA 54.0	0189 0189	NA 54.0	05/09	NA NA	05/09 NA	
148W-1	1901604	MUNICIPAL	DESTROYED	TCE 0.8 PCE VOCs Cl,CO4	ND ND ND	0880 0880 0386	ND ND NA	04/97 04/97 04/97	ND ND NA	04/97 04/97 04/97	
149W-1	1902119	MUNICIPAL	DESTROYED	VOCs Cl,CO4	ND ND	0180 0398	NA NA	05/09	NA NA	05/09 NA	
150W-1	1902519	MUNICIPAL	DESTROYED	TCE 6.0 PCE VOCs Cl,CO4	6.0 ND 53.0	0691 0691 0386	ND ND NA	04/97 04/97 04/97	ND ND NA	04/97 04/97 04/97	
151W-1	1902518	MUNICIPAL	DESTROYED	VOCs Cl,CO4	ND ND	0180 0398	NA NA	05/09	NA NA	05/09 NA	
152W-1	1900337	MUNICIPAL	DESTROYED	TCE 12.8 PCE VOCs Cl,CO4	12.8 8.0 43.4 NA	0180 0398 0398 NA	ND ND 43.4 NA	03/85 03/85 03/85 NA	ND ND NA NA	03/85 03/85 03/85 NA	
153W-1	1902871	MUNICIPAL	INACTIVE	VOCs Cl,CO4	ND ND	04/09 04/09	NA NA	05/09	NA NA	05/09 NA	
154W-1	1902762	MUNICIPAL	DESTROYED	VOCs Cl,CO4	ND ND	0579 0579	NA NA	05/09	NA NA	05/09 NA	
155W-1	1902819	MUNICIPAL	INACTIVE	PCE TCE VOCs Cl,CO4	190.0 50.0 50.0 ND	11/80<br					

APPENDIX C
**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L) CONTAMINANT OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT DATE	REMARKS
15IW-1	1902763	MUNICIPAL	DESTROYED	TCE NO3 ClO4	12.2 58.0 ND	0.260 0.266 ND	03/05 02/66 ND
20IW-1	1901429	MUNICIPAL	DESTROYED	VOCs NO3 ClO4	NA NA NA	NA NA NA	NA NA NA
20IW-2	1901430	MUNICIPAL	DESTROYED	TCE PCE 1,1-DCE C-1,2-DCE NO3 ClO4	6.8 3.9 3.2 6.1 6.8 ND	04/89 09/88 08/89 02/81 08/84 08/97	1.7 1.4 1.0 4.3 6.3 ND
20IW-3	1901431	MUNICIPAL	DESTROYED	VOCs NO3 ClO4	NA NA NA	NA NA NA	NA NA NA
20IW-4	1901433	MUNICIPAL	ACTIVE	TCE PCE 1,1-DCE C-1,2-DCE DBM NO3 ClO4	6.4 4.1 2.0 5.2 4.7 12.0 ND	09/88 09/88 02/09 07/88 11/07 08/08 06/97	ND ND ND ND 2.2 1.0 ND
20IW-5	1901432	MUNICIPAL	ACTIVE	TCE PCE 1,1-DCE C-1,2-DCE BDCM BF DBCM NO3 ClO4	6.4 3.8 2.9 4.9 1.7 4.6 11/07 11/07 11/07 11/07 12.0 ND	09/89 09/89 03/08 03/08 03/08 03/08 08/08 08/08 08/08 08/08 06/08 06/08	ND ND ND ND ND ND 02/09 02/09 02/09 02/09 12.0 ND
20IW-6	1901434	MUNICIPAL	DESTROYED	TCE PCE 1,1-DCE C-1,2-DCE NO3 ClO4	3.9 3.3 2.2 8.7 20.0 ND	05/88 05/88 05/88 05/88 05/05 06/97	ND ND ND ND 7.7 ND
20IW-7	8000195	MUNICIPAL	ACTIVE	PCE C-1,2-DCE NO3 ClO4	0.6 0.9 8.6 ND	08/08 08/08 08/08 08/08	ND ND ND ND
20IW-8	8000198	MUNICIPAL	ACTIVE	TCE C-1,2-DCE E22 NO3 ClO4	0.5 1.1 0.8 7.3 2.1	05/07 05/07 05/07 05/09 07/06	ND ND ND ND ND
20IW-9	8000208	MUNICIPAL	ACTIVE	VOCs NO3 ClO4	1.0 12.0 ND	11/08 03/08 ND	05/09 ND ND
20IW-10	NA	MUNICIPAL	ACTIVE	TCE C-1,2-DCE NO3 ClO4	1.4 3.0 3.8 ND	09/07 09/07 09/07 09/07	1.0 1.7 2.8 ND

APPENDIX C
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 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L) CONTAMINANT OF CONCERN	HISTORIC HIGH VALUE	MOST RECENT DATE	REMARKS
202W-1	1901627	1901627	MUNICIPAL	DESTROYED	TCE PCE NO3 ClO4	4.3 15.0 24.0 NA	09/81 10/88 ND NA	ND 0.189 23.0 ND NA
SUNNY SLOPE WATER COMPANY		08	1900026	MUNICIPAL	ACTIVE	VOCS NO3 ClO4	ND 24.0 ND	09/08 18.0 ND 06/09
		09	1902792	MUNICIPAL	ACTIVE	VOCS NO3 ClO4	ND 36.0 ND	12/08 13.0 ND 09/08
TAYLOR HERB GARDEN		10	8000048	MUNICIPAL	INACTIVE	VOCS NO3 ClO4	ND 63.6 NA	08/96 50.9 ND 08/96
TEXACO INC.		13	8000157	MUNICIPAL	ACTIVE	VOCS NO3 ClO4	ND 6.5 ND	08/96 6.5 08/08 ND 08/08
THOMPSON, EARL W.		14	1900001	INDUSTRIAL	DESTROYED	TCE 1,2-DCA MC NO3 ClO4	40.0 5.0 0.6 33.0 ND	07/01 2.8 ND 0.0/03 ND 0.0/03
TYLER NURSERY		01	1900280	DOMESTIC	INACTIVE	VOCS NO3 ClO4	NA NA NA	NA NA NA
TOMOVICH (NICK) & SON		NA	8000337	DOMESTIC	DESTROYED	VOCS NO3 ClO4	NA NA NA	NA NA NA
UNITED CONCRETE PIPE CORPORATION		NA	8000049	IRRIGATION	ACTIVE	TCE PCE 1,1-DCE 1,1-DCA C-1,2-DCE NO3 ClO4	12.9 44.6 0.1 0.9 8.7 31.0 NA	12/99 12/99 1.2 0.0/04 0.0/04 ND 0.0/04 ND 0.0/04 NA
UNITED ROCK PRODUCTS CORPORATION		NA	8000067	INDUSTRIAL	INACTIVE	VOCS NO3 ClO4	ND 4.3 ND	08/89 4.3 08/89 NA NA
IRW-1		1900106	INDUSTRIAL	ACTIVE	VOCS	ND	08/89	ND 10/08

APPENDIX C
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 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L)				REMARKS
				CONTAMINANT OF CONCERN	HISTORIC VALUE	HIGH DATE	MOST RECENT VALUE	
ARROW	1900034	MUNICIPAL	INACTIVE	TCE	700.0	0782	600.0	VULNERABLE (NO3)(3)
				PCE	980.0	1296	980.0	
				1,1-DCE	64.0	-1296	64.0	
				C-1,2-DCE	59.0	-1296	59.0	
				CTC	14.5	6982	8.0	
				1,2-DCA	9.0	6292	7.3	
				1,1,1-TCA	45.0	1296	45.0	
				1,1-DCA	2.9	6295	2.7	
				1,2-DCA	29.4	10896	26.4	
				NO3	NA	NA	NA	
				CL04	NA	NA	NA	
B DALTON	1900035	MUNICIPAL	INACTIVE	TCE	137.0	0465	7.5	69/07
				PCE	8.0	0465	1.0	69/07
				1,1-DCA	0.9	0546	0.3	
				C-1,2-DCE	2.0	1195	0.3	
				CTC	9.9	0465	0.3	
				1,2-DCA	11.0	1298	1.8	
				NO3	63.0	0807	63.0	
				CL04	99.1	1296	20.0	
E NIXON (E JOAN)	1900032	MUNICIPAL	ACTIVE	TCE	7.0	1108	1.9	06/09 (1)
				PCE	11.0	1004	5.8	
				1,1-DCE	1.3	1004	ND	
				C-1,2-DCE	1.7	1004	0.5	
				NO3	13.6	0295	5.5	
				CL04	ND	0587	ND	
				NO3	ND	0808	ND	
VALLEY COUNTY WATER DISTRICT								
WINDON (W JOAN)	1902356	MUNICIPAL	ACTIVE	TCE	56.0	0295	56.0	02/04
				PCE	51.0	0294	51.0	02/04
				1,1-DCA	17.2	1193	0.7	02/08
				C-1,2-DCE	22.8	1193	1.9	02/08
				1,2-DCA	6.6	0204	2.8	02/08
				NO3	49.5	1063	49.5	02/08
				CL04	154.0	0298	60.0	02/08
W MINE	1900028	MUNICIPAL	ACTIVE	TCE	48.0	0782	0.8	02/04
				PCE	56.0	0295	56.0	02/04
				1,1-DCA	5.0	0294	5.0	02/04
				C-1,2-DCE	7.7	0294	0.7	02/08
				1,1,1-TCA	1.8	0204	1.8	02/08
				NO3	11.0	1294	10.0	02/04
				CL04	5.6	02/04	5.6	02/04
WINDON	1902356	MUNICIPAL	ACTIVE	TCE	4.0	1104	ND	06/09
				PCE	1.6	0589	ND	06/09
				1,1-DCA	8.5	0205	3.8	06/08
				CL04	ND	0587	ND	06/08
WINDON (W JOAN)	1902356	MUNICIPAL	ACTIVE	TCE	47.3	0291	3.6	06/09
				PCE	70.0	0203	9.4	06/09
				1,1,1-TCA	14.2	0291	0.6	06/09
				1,2-DCA	0.8	0804	ND	06/09
				NO3	10.6	0291	ND	06/09
				CL04	9.0	0203	0.7	06/09

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 AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	STATUS	CONCENTRANT OF CONCERN	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L)				REMARKS
				CONTAMINANT	HISTORIC VALUE	HIGH DATE	MOST RECENT VALUE	
IRW-2	1903062	INDUSTRIAL	ACTIVE	VOCS	ND	0786	2.7	10/08
				NO3	4.5	1004	2.6	11/05
				CL04	ND	0298	ND	02/08
SIERRA	1902532	INDUSTRIAL	INACTIVE	VOCS	NA	NA	NA	NA
				NO3	NA	NA	NA	NA
				CL04	NA	NA	NA	NA
VALENCIA HEIGHTS WATER COMPANY	01	MUNICIPAL	ACTIVE	MC	6.4	0786	2.7	10/08
				NO3	ND	0298	ND	02/08
				CL04	8.5	0499	32.6	0707
				NO3	0800	1098	0.59	0708
				CL04	0.2	0180	ND	0708
				NO3	53.7	0787	27.0	0708
				CL04	8.0	1098	4.2	0708
				NO3	ND	0385	ND	0382
				CL04	34.8	0989	12.1	0892
				NO3	NA	NA	NA	NA
				CL04	NA	NA	NA	NA
02	8000052	MUNICIPAL	ACTIVE	TCE	0.2	0786	ND	0708
				NO3	ND	0298	ND	02/08
				CL04	ND	0107	ND	0107
03A	8000055	MUNICIPAL	DESTROYED	VOCS	ND	0786	ND	0708
				NO3	34.0	1298	24.5	0707
				CL04	7.2	1100	ND	0509
04	8000054	MUNICIPAL	INACTIVE	CF	1.0	0989	ND	0901
				NO3	90.0	1197	28.0	0302
				CL04	32.6	1100	28.0	0302
05	8000120	MUNICIPAL	ACTIVE	VOCS	ND	0786	ND	0708
				NO3	34.0	1298	24.5	0707
				CL04	7.2	1100	ND	0509
06	8000180	MUNICIPAL	ACTIVE	CF	13.0	1202	ND	0708
				NO3	49.3	0604	42.0	1098
				CL04	8.9	0107	6.5	0509
07	NA	MUNICIPAL	INACTIVE	VOCS	ND	0508	ND	0508
				NO3	20.0	0508	20.0	0508
				CL04	ND	0508	ND	0508
ARROW	1900034	MUNICIPAL	INACTIVE	TCE	700.0	0782	600.0	12/96
				PCE	980.0	1296	980.0	12/96
				1,1-DCE	64.0	1296	64.0	12/96
				C-1,2-DCE	59.0	1296	59.0	12/96
				CTC	14.5	6982	8.0	1296
				1,2-DCA	9.0	6292	7.3	1296
				1,1,1-TCA	45.0	1296	45.0	1296
				1,1-DCA	2.9	6295	2.7	1296
				1,2-DCA	29.4	10896	26.4	0896
				NO3	NA	NA	NA	NA
				CL04	NA	NA	NA	NA
B DALTON	1900035	MUNICIPAL	INACTIVE	TCE	137.0	0465	7.5	69/07
				PCE	8.0	0465	1.0	69/07
				1,1-DCA	0.9	0546	0.9	69/07
				C-1,2-DCE	2.0	1195	0.3	69/07
				CTC	9.9	0465	0.3	69/07
				1,2-DCA	11.0	1298	1.8	0907
				NO3	63.0	0807	63.0	0807
				CL04	99.1	1296	20.0	0907
E NIXON (E JOAN)	1900032	MUNICIPAL	ACTIVE	TCE	7.0	1108	1.9	0609 (1)
				PCE	11.0	1004	5.8	0609
				1,1-DCE	1.3	1004	ND	0609
				C-1,2-DCE	1.7	1004	0.5	0609
				NO3	13.6	0295	5.5	0808
				CL04	ND	0587	ND	0808
LANTE (SA-3)	8000060	MUNICIPAL	ACTIVE	TCE	100.0	0786	100.0	10/04
				PCE	120.0	1196	300.0	0469
				1,1-DCE	11.0	1196	16.0	0469
				C-1,2-DCE	90.0	0465	13.0	0469
				CTC	18.0	0804	ND	0469
				1,2-DCA	12.5	0782	ND	0469
				NO3	110.0	0465	3.2	0469
				CL04	17.6	0204	1.8	0469
				NO3	110.8	1193	67.5	0008
				CL04	21.0	0204	9.2	0008
				NO3	110.8	1193	2.8	0008
				CL04	42.0	0204	2.0	0008
				NO3	110.8	1193	0.7	0008
				CL04	17.2	0204	0.7	0008
				NO3	110.8	1193	0.7	0008
				CL04	6.6	0204	2.8	0008
				NO3	110.8	1193	49.5	0008
				CL04	154.0	0298	60.0	0008
				NO3	110.8	1193	56.0	0008
				CL04	15.0	1287	0.7	0008
				NO3	110.8	1193	0.7	0008
				CL04	22.8	1193	1.9	0008
				NO3	110.8	1193	1.9	0008
				CL04	6.6	0204	2.8	0008
				NO3	110.8	1193	49.5	0008
				CL04	154.0	0298	60.0	0008
				NO3	110.8	1193	56.0	0008
				CL04	15.0	1287	0.7	0008
				NO3	110.8	1193	0.7	0008
				CL04	22.8	1193	1.9	0008
				NO3	110.8	1193	1.9	0008
				CL04	6.6	0204	2.8	0008
				NO3	110.8	1193	49.5	0008
				CL04	154.0	0298	60.0	0008
				NO3	110.8	1193	56.0	0008
				CL04	15.0	1287	0.7	0008
				NO3	110.8	1193	0.7	0008
				CL04	22.8	1193	1.9	0008
				NO3	110.8	1193	1.9	0008
				CL04	6.6	0204	2.8	0008
				NO3	110.8	1193	49.5	0008
				CL04	154.0	0298	60.0	0008
				NO3	110.8	1193	56.0	0008
				CL04	15.0	1287	0.7	0008
				NO3	110.8	1193	0.7	0008
				CL04</td				

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

APPENDIX C

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONTAMINANT OF CONCERN	CONCENTRATION (NO/NMIGL OTHERS IN UGL)	HISTORIC HIGH VALUE	MOST RECENT VALUE	DATE	DATE	REMARKS
-----------	--------------------	-------	--------	------------------------	--	---------------------	-------------------	------	------	---------

APPENDIX C

APPENDIX C

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN UG/L)				DATE	REMARKS
				CONTAMINANT OF CONCERN	HISTORIC VALUE	HIGH VALUE	MOST RECENT		
SA 1-1	8000185	MUNICIPAL	ACTIVE	NO3 CL<0.4	20.8 6.3	05/90 10/04	9.8 1.3	06/09 03/09	(1)
				TCE PCE	34.0 47.0	07/05 04/07	4.1 6.5	01/09 01/09	

APPENDIX C

HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRA AND WELLS VULNERABLE TO CONTAMINA APPENDIX C

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN MG/L, OTHERS IN ug/L)				REMARKS	
				CONTAMINANT OF CONCERN	HISTORIC VALUE	HIGH DATE	MOST RECENT VALUE		
WEST COVINA VENTURE LIMITED	NA	1902970	NA	INACTIVE	NO3 CLO4	NA NA	NA NA	NA NA	
WILMOTT, ERMA M.	01	8000006	DOMESTIC	ACTIVE	VOCs NO3 CLO4	NA NA NA	NA NA NA	NA NA NA	
WOODLAND, RICHARD	01	1902349	NON-POTABLE	INACTIVE	VOCs NO3 CLO4	NA NA NA	NA NA NA	NA NA NA	
02	1902850	NON-POTABLE	INACTIVE	VOCs NO3 CLO4	NA NA NA	NA NA NA	NA NA NA	NA NA NA	
ROSE HILLS MEMORIAL PARK (WORKMAN MILL INVESTMENT COMPANY)	04	1902790	IRRIGATION	ACTIVE	PCE TCE 1,1-DCE 1,1,1-TCA NO3 CLO4	5.3 11.0 14.0 3.3 52.8 ND	08/87 04/85 04/85 04/85 02/07 06/98	ND ND ND ND 39.0 ND	VULNERABLE (VOCs AND NO3)
	02	1900095	IRRIGATION	ACTIVE	PCE TCE NO3 CLO4	8.6 11.0 91.4 ND	04/85 04/85 10/04 06/98	ND ND 51.4 ND	VULNERABLE (VOCs)
	01	1900132	IRRIGATION	INACTIVE	VOCs NO3 CLO4	NA NA NA	NA NA NA	NA NA NA	
	01	1900394	IRRIGATION	ACTIVE	TCE PCE 1,2-DCA 1,1-DCE C-1,2-DCE NO3 CLO4	6.1 6.4 11.67 0.8 1.0 2.6 45.2 ND	04/87 04/85 04/85 04/85 04/87 05/85 02/98 ND	ND ND ND ND ND ND ND ND	VULNERABLE (VOCs AND NO3)
	03	1900052	IRRIGATION	ACTIVE	TCE PCE 1,1-DCE C-1,2-DCE 1,1-DCA 1,1-TCA NO3 CLO4	21.0 7.4 2.7 28.0 1.0 1.5 7.5 46.4 ND	05/85 05/85 05/85 05/85 05/85 05/85 05/85 08/05 02/98	ND ND ND ND ND ND ND 25.7 ND	VULNERABLE (VOCs AND NO3)
WHITTIER, CITY OF	09	1901745	MUNICIPAL	DESTROYED	TCE NO3 CLO4	1.4 1.9 8.8	04/85 05/85 05/85	ND ND ND	01/08/09 01/08/09 01/08/09
	10	1901746	MUNICIPAL	DESTROYED	VOCs NO3	NA 6.6	NA 01/74	NA 6.6	01/08/09 01/08/09

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**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

APPENDIX C

**HIGHLIGHTS OF VOLATILE ORGANIC COMPOUNDS, NITRATE, AND PERCHLORATE CONCENTRATIONS
AND WELLS VULNERABLE TO CONTAMINATION (AS OF JUNE 30, 2009)**

WELL NAME	RECORDATION NUMBER	USAGE	STATUS	CONCENTRATION (NO3 IN ug/L, OTHERS IN ug/L)				REMARKS
				CONTAMINANT OF CONCERN	HISTORIC VALUE	HIGH DATE	MOST RECENT VALUE	
11	1901747	MUNICIPAL	DESTROYED	ClO4	NA	NA	NA	NA
				VOCS	ND	11/90	ND	0.5 ug/L
				NO3	10.1	01/90	10.1	0.5 ug/L
				ClO4	NA	NA	NA	0.5 ug/L
12	1901748	MUNICIPAL	DESTROYED	TCE	1.5	07/88	1.5	0.5 ug/L
				PCE	0.7	07/88	0.7	0.5 ug/L
				NO3	10.0	12/84	8.5	0.5 ug/L
				ClO4	NA	NA	NA	0.5 ug/L
13	1901749	MUNICIPAL	ACTIVE	PCE	4.9	11/87	ND	0.5 ug/L
				TCE	1.1	06/87	ND	0.5 ug/L
				MTBE	6.4	03/02	ND	0.5 ug/L
				NO3	13.1	03/05	6.4	0.5 ug/L
				ClO4	ND	08/97	ND	0.5 ug/L
15	8000071	MUNICIPAL	ACTIVE	PCE	9.4	03/03	1.1	0.5 ug/L
				TCE	0.7	09/04	ND	0.5 ug/L
				C-1,2-DCE	2.5	12/93	ND	0.5 ug/L
				NO3	13.0	08/89	6.3	0.5 ug/L
				ClO4	ND	08/97	ND	0.5 ug/L
16	8000110	MUNICIPAL	ACTIVE	PCE	3.4	12/02	1.7	0.5 ug/L
				TCE	1.4	01/97	ND	0.5 ug/L
				C-1,2-DCE	2.5	10/98	ND	0.5 ug/L
				NO3	9.6	09/89	7.0	0.5 ug/L
				ClO4	ND	08/97	ND	0.5 ug/L
17	8000135	MUNICIPAL	ACTIVE	PCE	12.0	12/02	3.3	0.5 ug/L
				TCE	2.2	05/92	ND	0.5 ug/L
				C-1,2-DCE	1.2	09/08	ND	0.5 ug/L
				NO3	13.0	03/03	9.1	0.5 ug/L
				ClO4	ND	08/97	ND	0.5 ug/L
18	8000136	MUNICIPAL	ACTIVE	PCE	9.2	09/08	8.2	0.5 ug/L
				TCE	2.4	11/95	1.6	0.5 ug/L
				C-1,2-DCE	0.7	10/96	ND	0.5 ug/L
				NO3	14.7	03/05	14.0	0.5 ug/L
				ClO4	ND	08/97	ND	0.5 ug/L
EW4-5	8000200	MUNICIPAL	ACTIVE	PCE	28.0	10/06	15.8	0.5 ug/L
				TCE	4.1	01/06	1.7	0.5 ug/L
				NO3	16.0	12/05	13.0	0.5 ug/L
				ClO4	ND	12/05	ND	0.5 ug/L
EW4-6	8000201	MUNICIPAL	ACTIVE	PCE	8.1	06/06	0.3	0.5 ug/L
				TCE	1.1	10/06	ND	0.5 ug/L
				NO3	15.0	10/06	11.0	0.5 ug/L
				ClO4	ND	05/06	ND	0.5 ug/L
EW4-7	8000202	MUNICIPAL	ACTIVE	PCE	8.2	01/06	3.4	0.5 ug/L
				TCE	1.8	02/06	0.3	0.5 ug/L
				NO3	18.0	01/06	11.0	0.5 ug/L
				ClO4	ND	12/05	ND	0.5 ug/L

NOTES	ABBREVIATION	CONTAMINANT	MAXIMUM CONTAMINANT LEVEL	METHOD	DETECTION LIMIT		REMARKS
					CONTAMINANT	LEVEL	
1.	1,1-DCA	1,1-Dichloroethane	5 micrograms per liter (ug/L)	0.5 ug/L	(1)	Existing VOC treatment	
1.	1,1-DCE	1,1-Dichloroethene	6 ug/L	0.5 ug/L	(2)	VOC treatment under construction	
1.	1,1-TCA	1,1,1-Trichloroethane	200 ug/L	0.5 ug/L	(3)	VOC treatment proposed	
1.	1,2,2-TCA	1,1,2,2-Tetrachloroethane	1 ug/L	0.5 ug/L	(4)	Existing ClO4 treatment	
1.	1,2-DCA	1,2-Dichloroethane	0.5 ug/L	0.5 ug/L	NA	No Available	
BDCM+	BDCM	Bromodichloromethane	NA	0.5 ug/L	ND	No Detected	
Bf	Bromform	Bromofluoromethane	100 ug/L	0.5 ug/L	NL	Notification Level	
Cf	Chlordane	Chlordane	6 ug/L	0.5 ug/L	VOCs	Volatile Organic Compounds	
Cl-O4	Perchlorate	Perchlorate	3.0 ug/L				

APPENDIX D.
**POTENTIAL SITES FOR
AQUIFER PERFORMANCE TESTS**

APPENDIX D
POTENTIAL SITES FOR AQUIFER PERFORMANCE TESTS

NAME	RECORD #	USAGE	STATUS	PERFO. (1)	FUNCTION	REMARKS
ALHAMBRA, CITY OF						
LON 1	1902789	MUNICIPAL	ACTIVE	411-980	MONITORING	
LON 2	19000177	MUNICIPAL	ACTIVE	286-563	PUMPING	
AZUSA, CITY OF						
NO. 11	8000178	MUNICIPAL	ACTIVE	200-320	PUMPING	
NO. 12	8000179	MUNICIPAL	ACTIVE	206-311	MONITORING	
CALIFORNIA DOMESTIC WATER COMPANY						
05A	8000100	MUNICIPAL	ACTIVE	7-920	PUMPING	
06	1902567	MUNICIPAL	ACTIVE	200-2000	MONITORING	
CHAMPION MUTUAL WATER COMPANY						
01	1900908	MUNICIPAL	INACTIVE	10-130	MONITORING	
02	1902816	MUNICIPAL	ACTIVE	152-265	PUMPING	
03	8000121	MUNICIPAL	ACTIVE	107-289	MONITORING	
VULCAN MATERIALS COMPANY (CALNAT COMPANY)						
DURE	1902920	INDUSTRIAL	ACTIVE	238-184	PUMPING	
DURW	8000063	INDUSTRIAL	ACTIVE	?-525	MONITORING	
GLENDOORA, CITY OF						
05-E	8000149	MUNICIPAL	ACTIVE	150-400	PUMPING	
NA	1903119	INDUSTRIAL	ACTIVE	?-220	MONITORING	
MONTEREY PARK, CITY OF						
15	8000196	MUNICIPAL	ACTIVE	200-425	PUMPING	
04	1902864	IRRIGATION	ACTIVE	280-52	MONITORING	LAC DEPARTMENT OF PUBLIC WORKS
06	1902866	IRRIGATION	ACTIVE	228-475	MONITORING	LAC DEPARTMENT OF PUBLIC WORKS
WORKMAN MILL INVESTMENT COMPANY (ROSE HILLS MEMORIAL PARK)						
-	1900694	IRRIGATION	ACTIVE	137-264	PUMPING	
-	8000004	MUNICIPAL	INACTIVE	?-200	MONITORING	EVERLY ACRES MW/C
RUBBAN HOMES MUTUAL WATER COMPANY						
NORTH 1	1901210	MUNICIPAL	ACTIVE	140-190	MONITORING	
SOUTH 2	1900121	MUNICIPAL	ACTIVE	125-165	PUMPING	
SAN GABRIEL COUNTY WATER DISTRICT						
05BRA	1901659	MUNICIPAL	ACTIVE	456-980	MONITORING	
11	8000067	MUNICIPAL	ACTIVE	350-800	PUMPING	
12	8000123	MUNICIPAL	ACTIVE	470-1320	MONITORING	
SAN GABRIEL VALLEY WATER COMPANY						
82AA	8000203	MUNICIPAL	ACTIVE	600-1150	PUMPING	
82AB	8000204	MUNICIPAL	ACTIVE	600-1150	MONITORING	

APPENDIX D
POTENTIAL SITES FOR AQUIFER PERFORMANCE TESTS

NAME	RECORD.	USAGE	STATUS	PERFO. (1)	FUNCTION	REMARKS
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GOLDEN STATE WATER COMPANY (SOUTHERN CALIFORNIA WATER COMPANY)/SAN GABRIEL VALLEY DISTRICT

FAR 1	1902034	MUNICIPAL	ACTIVE	274-456	PUMPING	
FAR 2	1902048	MUNICIPAL	ACTIVE	228-800	MONITORING	
GAR 1	1900513	MUNICIPAL	ACTIVE	2-424	MONITORING	ALTERNATE FOR MONTEREY PARK SITE
GAR 2	1900512	MUNICIPAL	ACTIVE	377-404	PUMPING	
GRA 1	1902030	MUNICIPAL	STANDBY	NA		
GRA 2	1902061	MUNICIPAL	STANDBY	400-475	PUMPING	
SG 1	1900510	MUNICIPAL	ACTIVE	190-111	MONITORING	
SG 2	1900511	MUNICIPAL	ACTIVE	209-393	PUMPING	

GOLDEN STATE WATER COMPANY (SOUTHERN CALIFORNIA WATER COMPANY)/SAN DIMAS DISTRICT

COL-4	1902268	MUNICIPAL	ACTIVE	122-190	PUMPING	
COL-6	1902270	MUNICIPAL	ACTIVE	7-414	MONITORING	

SUBURBAN WATER SYSTEMS

20IW-9	8000298	MUNICIPAL	ACTIVE	260-650	PUMPING	
20IW-7	8000195	MUNICIPAL	ACTIVE	200-350	MONITORING	
20IW-8	8000198	MUNICIPAL	ACTIVE	200-350	MONITORING	
20IW-10	NA	MUNICIPAL	NA	NA	MONITORING	

VALENCIA HEIGHTS WATER COMPANY

05	8000120	MUNICIPAL	ACTIVE	230-270	PUMPING	
07	NA	MUNICIPAL	ACTIVE	244-724	MONITORING	

VALLEY COUNTY WATER DISTRICT

E NIXON (JOAN) W NIXON (JOAN)	1900032	MUNICIPAL	ACTIVE	300-586	MONITORING	
	1902356	MUNICIPAL	ACTIVE	300-584	PUMPING	ALTERNATE FOR MAIN SITE

E MAINE W MAINE	1900027	MUNICIPAL	ACTIVE	290-580	PUMPING	
	1900328	MUNICIPAL	ACTIVE	290-580	MONITORING	ALTERNATE FOR NIXON SITE

VALLEY VIEW MUTUAL WATER COMPANY

01	1900063	MUNICIPAL	ACTIVE	300-585	MONITORING	
02	1900364	MUNICIPAL	ACTIVE	300-535	PUMPING	
03	1900365	MUNICIPAL	INACTIVE	100-200	MONITORING	

NOTES NA NOT AVAILABLE

(1) TOP OF THE TOP INTERVAL - BOTTOM OF THE BOTTOM INTERVAL (DEPTH BELOW GROUND SURFACE IN FEET)

APPENDIX E.
SUMMARY OF TREATMENT FACILITY
ACTIVITY IN THE MAIN SAN GABRIEL BASIN

**SUMMARY OF TREATMENT FACILITY ACTIVITY
IN THE MAIN SAN GABRIEL BASIN
AS OF JUNE 30, 2009**

Operable Unit AREA 3	Treatment Facility Owner	Treatment Facility(s)	Start Date /r	Total Water Treated (Acre-feet)	Total Contaminants Removed	
					Fiscal Year 2008-09 Total (Acre-feet)	Fiscal Year Accum. (Acre-feet)
BPOU	ALHAMBRA, CITY OF	Well No. 7 Well No. 7, 8, & 12	July 2001 Aug 2009	865,00 12,000	7,002,56 12,400	12.4 0.8
	LA PLUENTE VALLEY COUNTY WATER DISTRICT	Well No. 2, 3 & 4 (BPOU)	August 1992 January 2000	— 3,795.32	11,493.13 27,634.85	— 734.0
	SAN GABRIEL VALLEY WATER COMPANY	Well B/C Plan B/C (BPOU)	April 1984 September 2004	— 8,148.12	5,584.17 14,526.27	— —
	VALLEY COUNTY WATER DISTRICT	Lane, SAI 1 & SAI 2 (BPOU)	January 1984 December 2004	9,428.36	40,400.02 18,684.61	204.5 —
EMOU	ADAMS RANCH MUTUAL WATER COMPANY	Well No. 3	November 2003	66.59	442.59	1.4
	GOLDEN STATE WATER COMPANY (GSV)	Encinitas No. 1, 2 & 3	April 1988	1,155.39	12,423.81	27.8
FYDU	BDF - CARRIER	Carrier	April 1988	228.57	5,817.01	19.9
SENOU	MONTEREY PARK, CITY OF	Well No. 5 Well No. 9 & 12, 15	September 1989 April 2002	1,890.34 4,742.26	10,051.09 27,206.15	182.4 459.2
	SAN GABRIEL VALLEY WATER COMPANY	Well 8B, 8C, 8D & 8E	August 2002	2,148.31	22,535.47	291.6
WNOU	EPA	VNWQ (Shallow Zone) (Intermediate Zone)	December 1989 December 2005	2,073.82 2,252.57	23,119.47 16,538.91	11.8 77.1
	WHITTIER, CITY OF					1,610.1 748.7
	PRODUCER FACILITY					
	ARCADIA, CITY OF	Longden 1 & 2	January 1985	778.89	62,687.80	11.4
BQZING		Well B36, F38, F39 & BC24-2/	October 1984	—	233.00	—
	CALIFORNIA DOMESTIC WATER COMPANY	Well No. 3, Well No. 5A Well No. 6 & Well No. 14	September 1983 April 1987	14,895.72	223,945.22	1,084.3
	EL MONTE, CITY OF	Well No. 12	February 1987 May 2004	729.81 454.79	13,202.75 3,366.07	87.4 2.9
	EPA	Well No. 2A	July 1989	383.59	5,161.07	5.0
	RICHWOOD (North Well) 3/ RICHWOOD (South Well) 3	Richwood (North Well) 3/ Richwood (South Well) 3	April 1980 April 1980	—	451.98	—
	GOLDEN STATE WATER COMPANY (GSV)	San Gabriel No. 1 & 2	November 2001	1,357.30	6,663.09	31.1
	GOLDEN STATE WATER COMPANY (GSV)	Alt 2 & 3, Basalt 3 & 4, Hwy 1 Hemlock (North Well) 4/ Hemlock (South Well) 4/	May 2005 April 1986 April 1986	1,479.80 — —	6,875.05 2,553.85	23.2 —
	MONROVIA, CITY OF	Wells No. 2 & 6 Wells No. 3, 4 & 5	March 1986 October 2007	2,449.06 1,043.51	28,860.12 1,537.45	56.0 9.5
	MONTIERE PARK, CITY OF	Well No. 1, 2 & 10	June 2004	2,044.23	15,506.89	131.8
	SAN GABRIEL VALLEY WATER COMPANY	Well 11B Well B/C Well B/B & B/C Well G/A	March 1981 March 1983 March 1983 December 1999	1,620.25 1,659.53 2,226.70 —	37,775.65 36,883.38 36,448.81 24,093.04	5.9 83.2 150.7 —
	SUBURBAN WATER SYSTEMS	Former Bezdug Site SEMOU	May 2001 July 1988 January 2008	451.60 — 36.46	2,707.72 — 56.69	5.8 — 46.1
	VALLEY COUNTY WATER DISTRICT	Maine East & West Nixon East & West 4/ Arrow Project No. 1 4/ Big Dalton (Project No. 2)	June 1980 January 2004 February 1982 March 1987 January 2008	20,129.30 11,307.90 7,250.41 — 3,885.19	46.0 — — — —	1,644.5 87.0 17,420.0 — 1,658.5
	WATER QUALITY AUTHORITY		TOTAL	79,887.24	\$33,586.82	11,915.20
						90,231.99

Footnotes:

1) From date of beginning of operation.

2) Treatment facility has been permanently dismantled.

3) Well was dry at time of June 2009 survey.

4) Well no longer pumps to Treatment Facility.

APPENDIX F.

MAPS SHOWING WELLS VULNERABLE TO VOC, NITRATE AND PERCHLORATE CONTAMINATION WITHIN FIVE YEARS (FIGURES 8A, 8B, AND 8C)

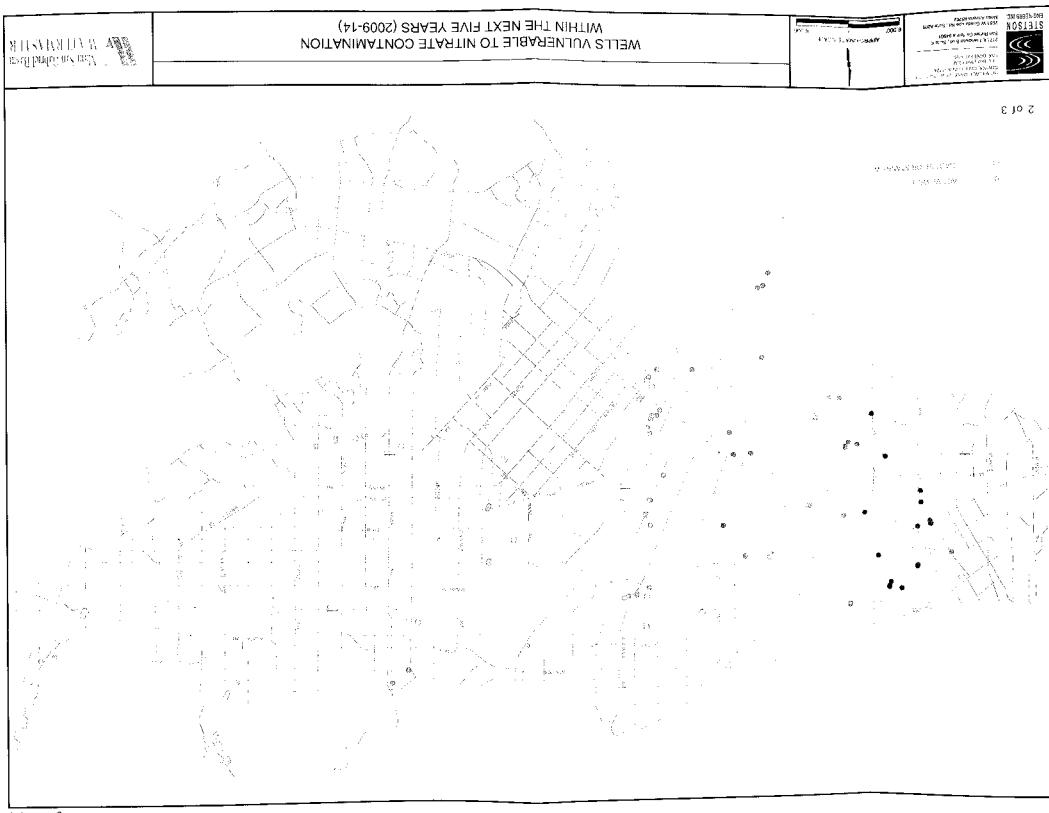


Figure 8(b)

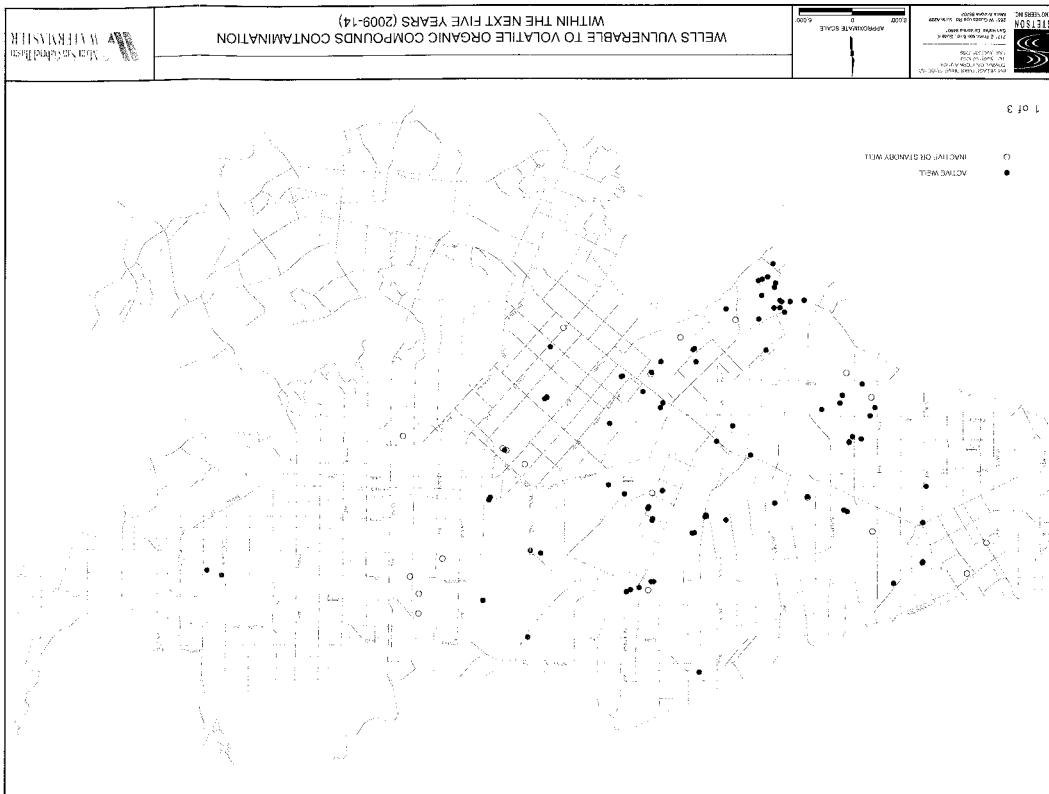
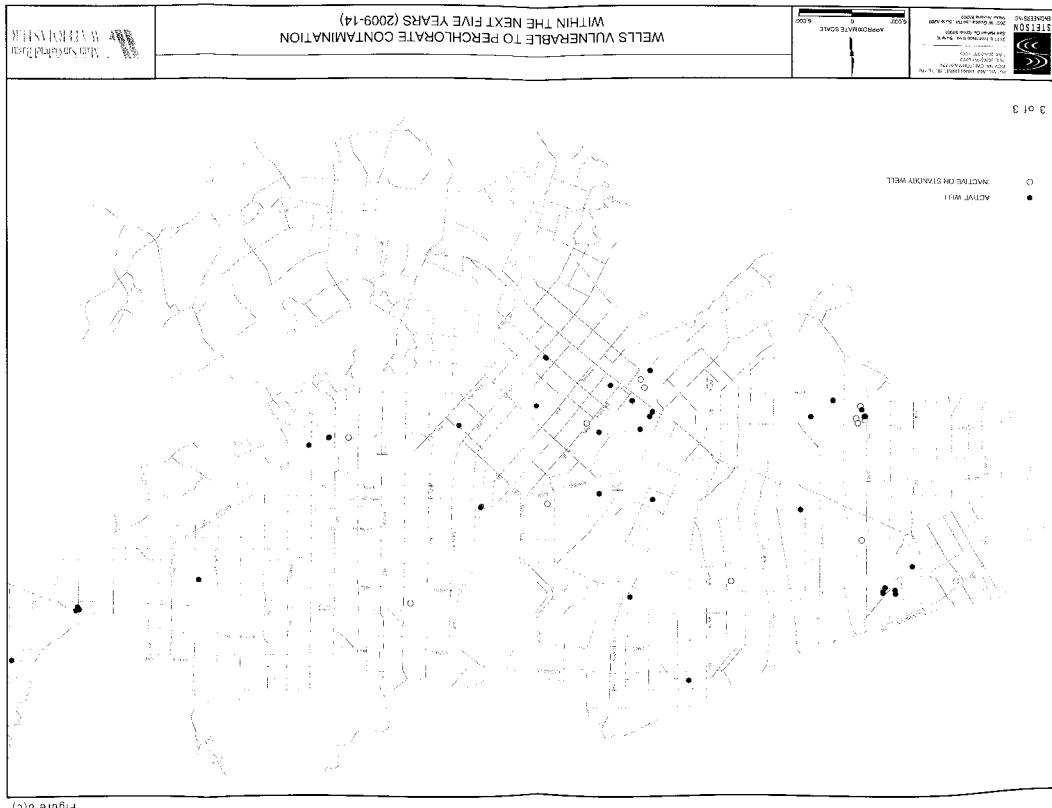


Figure 8(c)

APPENDIX G.
SIMULATED BASIN GROUNDWATER CONTOURS
2008-09 AND 2013-14
(FIGURES 9 AND 10)



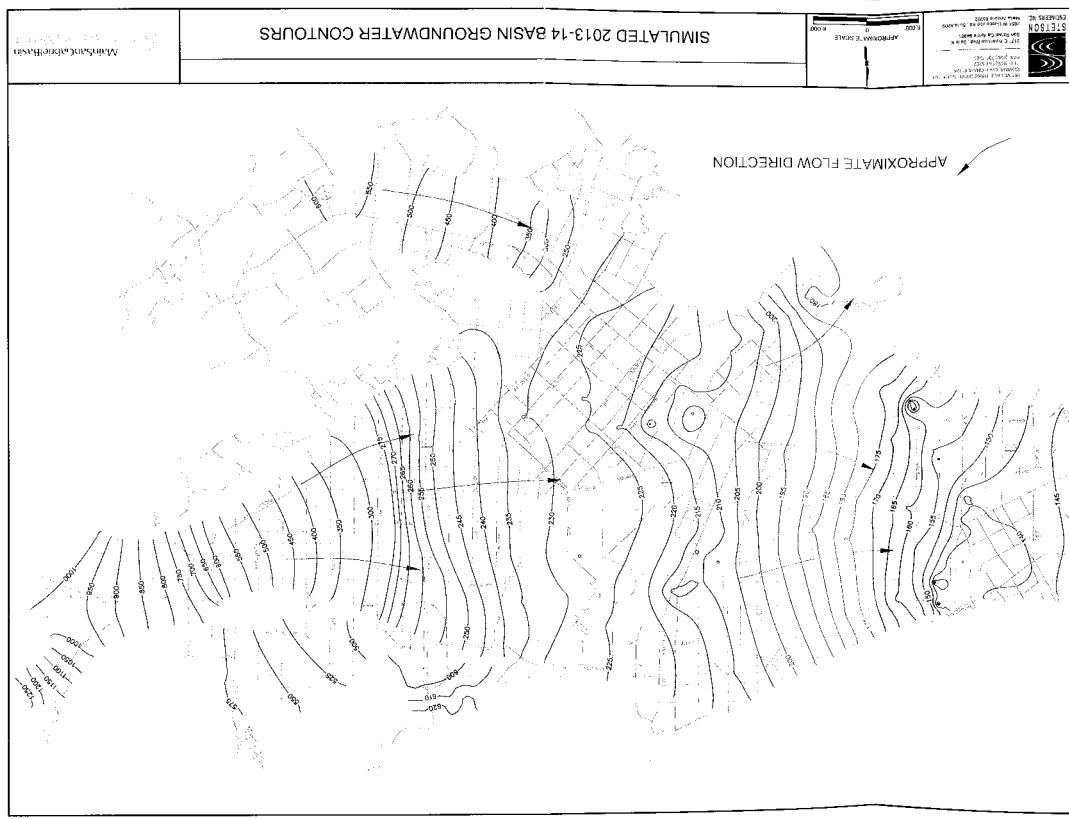


Figure 10

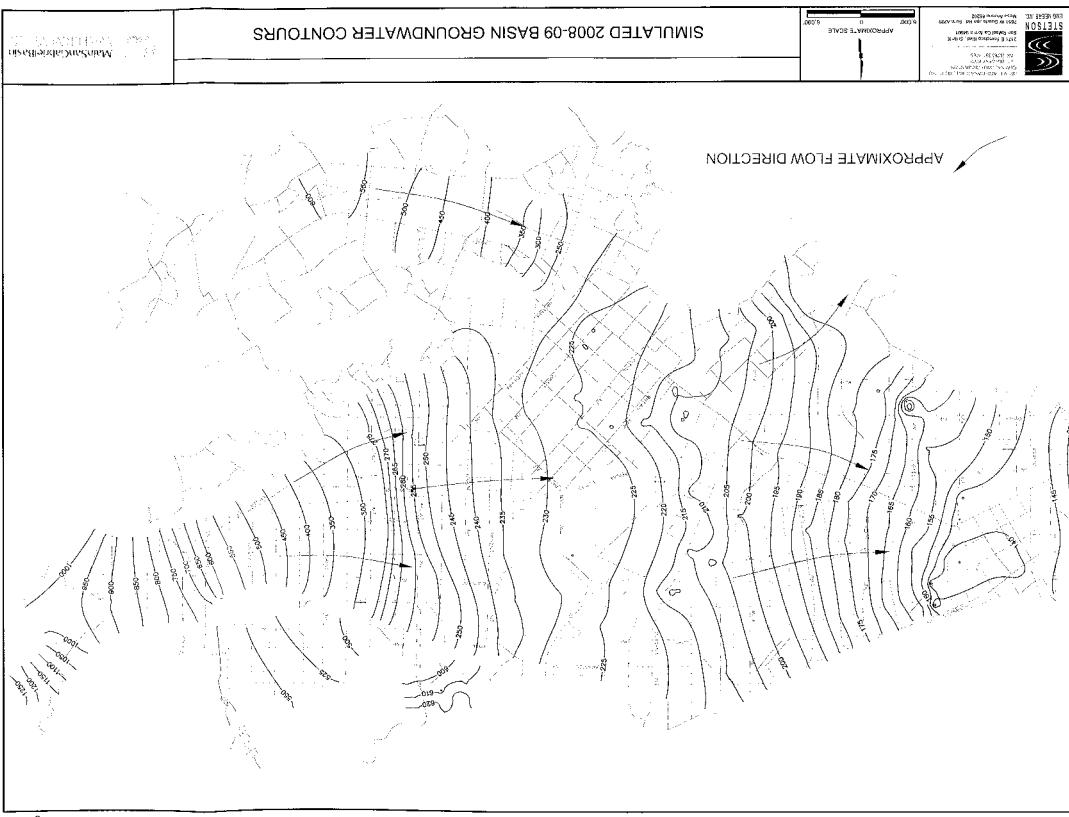


Figure 9

APPENDIX K
CENTRAL BASIN JUDGEMENT

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 M. MELVIN SWIFT, JR.
 H. JESS SCHNAIDL
 JACK T. SWARTZENDR
 JOHN F. GIBSON, JR.
 DALE A. DRESCHER
 BOB A. SCHUCK III
 TIMOTHY J. GOSEY
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 W. STEPHEN GISTON
 WILLIAM A. KELLY
 BRUCE A. YOUNG
 JOHN J. MCNAMEE
 ROBERT M. OSTRHOVE
 ANDREW O. TURNER
 BERNARD J. X. BEAUM
 PAUL M. MORIAN
 CAROL L. VICKERS

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May 9, 1991
 Pasadena
 Office

Re: Second Amended Judgment

Dear John:

Enclosed is a copy of the Second Amended Judgment as executed by Judge Pickard on May 6, 1991. The Judgment Amendment is effective immediately.

Very truly yours,

William F. Kruse

William F. Kruse
 of
 LAGERLOF, SENECAI, DRESCHER & SWIFT

WFK/PC
 Enclosure

c: Richard A. Rhone, w/enc.
 Thomas Salzano, w/enc.
 Chris Nagler, w/enc.

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SUPERIOR COURT OF THE STATE OF CALIFORNIA
 FOR THE COUNTY OF LOS ANGELES

CENTRAL AND WEST BASIN WATER
 REPLENISHMENT DISTRICT, etc.,
 Plaintiff,
 v.
 CHARLES E. ADAMS, et al.,
 Defendants.

(Declaring and establishing
 water rights in Central Basin
 and enjoining extractions
 therefrom in excess of
 specified quantities.)

CITY OF LAKEROOD, a municipal
 corporation,
 Cross-Complainant,

CHARLES E. ADAMS, et al.,
 Cross-Defendants.

No. 786,656
 SECOND AMENDED
 JUDGMENT

The above-entitled matter duly and regularly came on
 for trial in Department 73 of the above-entitled Court (having
 been transferred thereto from Department 75 by order of the
 presiding Judge), before the Honorable Edmund M. Moor, specially
 assigned Judge, on May 17, 1965, at 10:00 a.m. Plaintiff was
 represented by its attorneys BEWLEY, KNOOP, LASSLEBN & WHILAN,

1 MARTIN E. WHELAN, JR., and EDWIN H. VAIL, JR., and cross-
2 complainant was represented by its attorney JOHN S. TODD.
3 Various defendants and cross-defendants were also represented at
4 the trial. Evidence both oral and documentary was introduced.
5 The trial continued from day to day on May 17, 18, 19, 20, 21 and
6 24, 1965, at which time it was continued by order of Court for
7 further trial on August 25, 1965, at 10:00 a.m. in Department 73
8 of the above-entitled Court; whereupon, having then been
9 transferred to Department 74, trial was resumed in Department 74
10 on August 25, 1965, and then continued to August 27, 1965 at
11 10:00 a.m. in the same Department. On the latter date, trial was
12 concluded and the matter submitted. Findings of fact and conclu-
13 sions of law have heretofore been signed and filed. Pursuant to
14 the reserved and continuing jurisdiction of the court under the
15 judgment herein, certain amendments to said judgment and
16 temporary orders have heretofore been made and entered.
17 Continuing jurisdiction of the court for this action is currently
18 assigned to HON. FLORENCE T. PICKARD. Motion of Plaintiff herein
19 for further amendments to the judgment, notice thereof and of the
20 hearing thereon having been duly and regularly given to all
21 parties, came on for hearing in Department 38 of the above-
22 entitled court on MAY 6, 1991 at 8:45 a.m. before said HONORABLE
23 PICKARD. Plaintiff was represented by its attorneys LAGERLOF,
24 SENECA, DRESCHER & SWIFT, by William F. Kruse. Various
25 defendants were represented by counsel of record appearing on the
26 Clerk's records. Hearing thereon was concluded on that date.
27 The within "Second Amended Judgment" incorporates amendments and
28 orders heretofore made to the extent presently operable and

1 amendments pursuant to said last mentioned motion. To the extent
2 this Amended Judgment is a restatement of the judgment as
3 heretofore amended, it is for convenience in incorporating all
4 matters in one document, is not a readjudication of such matters
5 and is not intended to reopen any such matters. As used
6 hereinafter the word "judgment" shall include the original
7 judgment as amended to date. In connection with the following
8 judgment, the following terms, words, phrases and clauses are
9 used by the Court with the following meanings:
10 "Administrative Year" means the water year until
11 operation under the judgment is converted to a fiscal year
12 pursuant to Paragraph 4, Part I, p. 53 hereof, whereupon it
13 shall mean a fiscal year, including the initial "short fiscal
14 year" therein provided.
15 "Allowed Pumping Allocation" is that quantity in acre
16 feet which the Court adjudges to be the maximum quantity which a
17 party should be allowed to extract annually from Central Basin as
18 set forth in Part I hereof, which constitutes 80% of such party's
19 Total Water Right.
20 "Allowed Pumping Allocation for a particular Administra-
21 tive year" and "Allowed Pumping Allocation in the following
22 Administrative year" and similar clauses, mean the Allowed
23 Pumping Allocation as increased in a particular Administrative
24 year by any authorized carryovers pursuant to Part III, Subpart A
25 of this judgment and as reduced by reason of any over-extractions
26 in a previous Administrative year.
27 "Artificial Replenishment" is the replenishment of Central
28 Basin achieved through the spreading of imported or reclaimed

1 water for percolation thereof into Central Basin by a govern-
2 mental agency.

3 "Base Water Right" is the highest continuous extractions of
4 water by a party from Central Basin for a beneficial use in any
5 period of five consecutive years after the commencement of over-
6 draft in Central Basin and prior to the commencement of this
7 action, as to which there has been no cessation of use by that
8 party during any subsequent period of five consecutive years. As
9 employed in the above definition, the words "extractions of water
10 by a party" and "cessation of use by that party" include such
11 extractions and cessations by any predecessor or predecessors in
12 interest.

13 "Calendar Year" is the twelve month period commencing
14 January 1 of each year and ending December 31 of each year.

15 "Central Basin" is the underground water basin or reservoir
16 underlying Central Basin Area, the exterior boundaries of which
17 Central Basin are the same as the exterior boundaries of Central
18 Basin Area.

19 "Central Basin Area" is the territory described in Appendix
20 "1" to this judgment, and is a segment of the territory
21 comprising Plaintiff District.

22 "Declared water emergency" shall mean a period commencing
23 with the adoption of a resolution of the Board of Directors of
24 the Central and West Basin Water Replenishment District declaring
25 that conditions within the Central Basin relating to natural and
26 imported supplies of water are such that, without implementation
27 of the water emergency provisions of this Judgment, the water
28 resources of the Central Basin risk degradation. In making such

1 declaration, the Board of Directors shall consider any
2 information and requests provided by water producers, purveyors
3 and other affected entities and may, for that purpose, hold a
4 public hearing in advance of such declaration. A Declared Water
5 Emergency shall extend for one (1) year following such
6 resolution, unless sooner ended by similar resolution.

7 "Extraction", "extractions", "extracting", "extracted", and
8 other variations of the same noun and verb, mean pumping, taking,
9 diverting or withdrawing ground water by any manner or means
10 whatsoever from Central Basin.

11 "Fiscal Year" is the twelve (12) month period July 1 through
12 June 30 following.

13 "Imported Water" means water brought into Central Basin Area
14 from a non-tributary source by a party and any predecessors in
15 interest, either through purchase directly from The Metropolitan
16 Water District of Southern California or by direct purchase from
17 a member agency thereof, and additionally as to the Department of
18 Water and Power of the City of Los Angeles, water brought into
19 Central Basin Area by that party by means of the Owens River
20 Aqueduct.

21 "Imported Water Use Credit" is the annual amount, computed
22 on a calendar year basis, of imported water which any party and
23 any predecessors in interest, who have timely made the required
24 filings under Water Code Section 1005.1, have imported into
25 Central Basin Area in any calendar year and subsequent to July 9,
26 1951, for beneficial use therein, but not exceeding the amount by
27 which that party and any predecessors in interest reduces his or
28 their extractions of ground water from Central Basin in that

1 calendar year from the level of his or their extractions in the
2 preceding calendar year, or in any prior calendar year not
3 earlier than the calendar year 1950, whichever is the greater.
4 "Natural Replenishment" means and includes all processes
5 other than "Artificial Replenishment" by which water may become a
6 part of the ground water supply of Central Basin.

"Natural Safe Yield" is the maximum quantity of ground
water, not in excess of the long term average annual quantity of
Natural Replenishment, which may be extracted annually from
Central Basin without eventual depletion thereof or without
otherwise causing eventual permanent damage to Central Basin as a
source of ground water for beneficial use, said maximum quantity
being determined without reference to Artificial Replenishment.
"Overdraft" is that condition of a ground water basin
resulting from extractions in any given annual period or periods
in excess of the long term average annual quantity of Natural
Replenishment, or in excess of that quantity which may be
extracted annually without otherwise causing eventual permanent
damage to the basin.

"Party" means a party to this action. Whenever the
term "party" is used in connection with a quantitative water
right, or any quantitative right, privilege or obligation, or in
connection with the assessment for the budget of the Watermaster,
it shall be deemed to refer collectively to those parties to whom
are attributed a Total Water Right in Part I of this judgment.
"Person" or "persons" include individuals, partner-

ships, associations, governmental agencies and corporations, and
any and all types of entities.

"Total Water Right" is the quantity arrived at in the
same manner as in the computation of "Base Water Right", but
including as if extracted in any particular year the Imported
Water Use Credit, if any, to which a particular party may be
entitled.

"Water" includes only non-saline water, which is that
having less than 1,000 parts of chlorides to 1,000,000 parts of
water.
"Water Year" is the 12-month period commencing October
1 of each year and ending September 30th of the following
year.

In those instances where any of the above-defined
words, terms, phrases or clauses are utilized in the definition
of any of the other above-defined words, terms, phrases and
clauses, such use is with the same meaning as is above set forth.

NOW THEREFORE, IT IS ORDERED, DECLARED, ADJUDGED AND
DECREED WITH RESPECT TO THE ACTION AND CROSS-ACTION AS FOLLOWS:
I. DECLARATION AND DETERMINATION OF WATER RIGHTS OF
PARTIES; RESTRICTION ON THE EXERCISE THEREOF.
1. Determination of Rights of Parties.
(a) Each party, except defendants, The City of Los
Angeles and Department of Water and Power of the City of Los
Angeles, whose name is hereinafter set forth in the tabulation at
the conclusion of Subpart 3 of Part I, and after whose name there

¹Headings in the judgment are for purposes of reference and
the language of said headings do not constitute, other than for
such purpose, a portion of this judgment.

1 appears under the column "Total Water Right" a figure other than
2 "0", was the owner of and had the right to extract annually
3 groundwater from Central Basin for beneficial use in the quantity
4 set forth after that party's name under said column "Total Water
5 Right" pursuant to the Judgment as originally entered herein.
6 Attached hereto as Appendix "2" and by this reference made a part
7 hereof as though fully set forth are the water rights of parties
8 and successors in interest as they existed as of the close of the
9 water year ending September 30, 1978 in accordance with the
10 Watermaster Reports on file with this Court and the records of
11 the Plaintiff. This tabulation does not take into account
12 additions or subtractions from any Allowed Pumping Allocation of
13 a producer for the 1978-79 water year, nor other adjustments not
14 representing change in fee title to water rights, such as leases
15 of water rights, nor does it include the names of lessees of
16 landowners where the lessees are exercising the water rights.
17 The exercise of all water rights is subject, however, to the
18 provisions of this Judgment as hereinafter contained. All of
19 said rights are of the same legal force and effect and are
20 without priority with reference to each other. Each party whose
21 name is hereinafter set forth in the tabulation set forth in
22 Appendix "2" of this judgment, and after whose name there appears
23 under the column "Total Water Right" the figure "0" owns no
24 rights to extract any ground water from Central Basin, and has no
25 right to extract any ground water from Central Basin.
26 (b) Defendant The City of Los Angeles is the owner of
27 the right to extract fifteen thousand (15,000) acre feet per
28 annum of ground water from Central Basin. Defendant Department

1 of Water and Power of the City of Los Angeles has no right to
2 extract ground water from Central Basin except insofar as it has
3 the right, power, duty or obligation on behalf of defendant The
4 City of Los Angeles to exercise the water rights in Central Basin
5 of defendant The City of Los Angeles. The exercise of said
6 rights are subject, however, to the provisions of this judgment
7 hereafter contained, including but not limited to, sharing with
8 other parties in any subsequent decreases or increases in the
9 quantity of extractions permitted from Central Basin, pursuant to
10 continuing jurisdiction of the Court, on the basis that fifteen
11 thousand (15,000) acre feet bears to the Allowed Pumping
12 Allocations of the other parties.
13 (c) No party to this action is the owner of or has any
14 right to extract ground water from Central Basin except as herein
15 affirmatively determined.
16 2. Parties Enjoined as Regards Quantities of Extractions.
17 (a) Each party, other than The State of California and The
18 City of Los Angeles and Department of Water and Power of The City
19 of Los Angeles, is enjoined and restrained in any Administrative
20 year commencing after the date this judgment becomes final from
21 extracting from Central Basin any quantity of water greater than
22 the party's Allowed Pumping Allocation as hereinafter set forth
23 next to the name of the party in the tabulation appearing in
24 Appendix 2 at the end of this Judgment, subject to further
25 provisions of this judgment. Subject to such further provisions,
26 the officials, agents and employees of The State of California
27 are enjoined and restrained in any such Administrative Year from
28 extracting from Central Basin collectively any quantity of water

1 greater than the Allowed Pumping Allocation of the State of
 2 California as hereinafter set forth next to the name of that
 3 party in the same tabulation. Each Party adjudged and declared
 4 above not to be the owner of and not to have the right to extract
 5 ground water from Central Basin is enjoined and restrained in any
 6 Administrative Year commencing after the date this judgment
 7 becomes final from extracting any ground water from Central
 8 Basin, except as may be hereinafter permitted to any such party
 9 under the Exchange Pool provisions of this judgment.
 10 (b) Defendant The City of Los Angeles is enjoined and
 11 restrained in any Administrative Year commencing after the date
 12 this judgment becomes final from extracting from Central Basin
 13 any quantity of water greater than fifteen thousand (15,000) acre
 14 feet, subject to further provisions of this judgment, including
 15 but not limited to, sharing with other parties in any subsequent
 16 decreases or increases in the quantity of extractions permitted
 17 from Central Basin by parties, pursuant to continuing
 18 jurisdiction of the Court, on the basis that fifteen thousand
 19 (15,000) acre feet bears to the Allowed Pumping Allocations of
 20 the other parties. Defendant Department of Water and Power of
 21 The City of Los Angeles is enjoined and restrained in any
 22 Administrative Year commencing after the date this judgment
 23 becomes final from extracting from Central Basin any quantity of
 24 water other than such as it may extract on behalf of defendant
 25 The city of Los Angeles, and which extractions, along with any
 26 extractions by said City, shall not exceed that quantity
 27 permitted by this judgment to that City in any Administrative
 28 year. Whenever in this judgment the term "Allowed Pumping

	Total Water Right	Name ²	Allowed Pumping Allocation
1	21	J. P. Abbott, Inc.	17
2	Charles E. Adams (Corty Van Dyke, tenant) (see additional listing below for Charles E. Adams)	8	6
3	Charles E. Adams and Rhoda E. Adams	5	4
4	Juan Aguayo and Salome Y. Aguayo	1	1
5	Aquiar Dairy, Inc.	33	26
6	Airfloor Company of California, Inc.	1	1
7	J. N. Albers and Nellie Albers	98	78
8	Jake J. Alewyn and Mrs. Jake J. Alewyn aka Normalie May Alewyn (see listing under name of Victor E. Gamboni)		
9	Tom Alger and Hilda Alger	9	7
10	Clarence M. Alviss and Doris M. Alvis	0	0
11	American Brake Shoe Company	52	42
12	² Parties and Rights as originally adjudicated		
13			- 11 -

	Name	Total Water Right	Allowed Pumping Allocation	Total Water Right	Allowed Pumping Allocation
1	2	3	4	5	6
2	American Pipe and Construction Co.	188	150	3	Adolph Bader and Gesine Bader (Fred Bader, tenant)
3	Anaconda American Brass Company	0	0	4	K. R. Bailey and Virginia R. Bailey
4	Gerrit Ankner (see listing under name of Agnes De Vries)			5	Dave Bajema (see listing under name of Peter Dottinga)
5	Archdiocese of Los Angeles Education & Welfare Corporation	3	6	6	Donald L. Baker and Patsy Ruth Baker
6	George W. Armstrong and Ruth H. Armstrong (Armstrong Poultry Ranch, tenant)	28	22	7	Allen Bakker
7	Artesia Cemetery District	30	24	8	Sam Bangma and Ida Bangma
8	Artesia Milling Company (see listing under name of Dick Zuidervraart)			9	Bank of America National Trust and Savings Association, as Trustee of Trust created by Will of Tony V. Freitas, Deceased (Frank A. Gonsalves, tenant)
9	Artesia School District	51	41	10	Emma Barbaria, as to undivided 1/2 interest; John Barbaria, Jr. and Lorraine Barbaria as to undivided 1/4 interest; and Frank Barbaria as to undivided 1/4 interest (John Barbaria & Sons Dairy, tenant)
10	Arthur Land Co., Inc.	13	10	11	Antonio B. Barcellos and Manuel B. Barcellos 12
11	Charles Arzouman and Neuart Arzouman		1	12	John Barcellos and Guilhermina Barcelos 16
12	Associated Southern Investment Company (William R. Morris, George V. Gutierrez and Mrs. Socorro Gutierrez, tenants and licensees)	16	13	13	Sam Bartsma and Birdie Bartsma
13	The Atchison, Topeka and Santa Fe Railway Co.	124	99	14	Bechard Mutual Water Corporation
14	Atkinson Brick Company	11	9	15	Beck Tract Water Company, Inc.
15	Henry Baar (see listing under name of Andrew De Voss)			16	Iver F. Becklund
16	B.F.S. Mutual Water Company	183	146	17	Margaret E. Becklund
17	Vernon E. Bacon (see listing under name of Steve Stefani, Sr.)			18	P. T. Beegly (International Carbonic, Inc., tenant)
18	Southern California Edison Company			19	Henry Bekendam and Hank Bekendam 0
19				20	Doutzen Bekendam 0
20				21	John Bekendam 0
21				22	Tillie Bekendam 0
22				23	- 13 -

1	Name	Total Water Right	Allowed Pumping Allocation	1	Name	Total Water Right	Allowed Pumping Allocation
2				2			
3	Bell Trailer City (see listing under name of Bennett E. Simmons)	1	1	3	Frank Boersma and Angie Boersma	31	25
4	E. F. Bellenbaum and Marie P. Bellenbaum	32	26	4	Gerrit Boersma and Jennie Boersma (George Boersma, tenant)	8	6
5	Bellflower Christian School	243	194	5	Jack Boersma	0	0
6	Bellflower Home Garden Water Company	111	89	6	Sam Boersma and Berdina Boersma	42	34
7	Bellflower Unified School District	2,109	1,687	7	Jan Bokma (see listing under name of August Vandenberg)		
8	Bellflower Water Company	11	9	8	Jacob Bollema	0	0
9	Belmont Water Association	0	0	9			
10	Tony Belmont	0	0	10	James C. Boogerd (see listing under name of Jake Van Leeuwen, Jr.)		
11	Berlu Water Company, Inc.	32	26	11	Bernard William Bootsma, Carrie Agnes van Dam and Gladys Marie Romberg	12	10
12	Jack R. Bettencourt and Bella Bettencourt	151	121	12	Michel Bordato and Anna M. Bordato (Charlie Vander Kooi, tenant)	12	10
13	Bigby Townsite Water Co.			13			
14	Siegfried Binggeli and Trina L. Binggeli (see listing under name of Paul H. Lussman, Jr.)	0	0	14	John Borges and Mary Borges, aka Mrs. John Borges (Manuel B. Ourique, tenant)	14	11
15	Fred H. Bixby Ranch Company			15	Mary Borges, widow of Manuel Borges (Manuel Borges, Jr., tenant)	7	6
16	Delbert G. Black and Lennie O. Black as to undivided one-half; and Harley Lee, as to undivided one-half	40	32	16	Gerrit Bos and Margaret Bos	88	70
17	Bloomfield School District	11	9	17	Jacob J. Bosma (see listing under name of Sieger Vierstra)		
18	Adrian Boer and Julia Boer	5	4	18	Peter Bothof	6	5
19	Gerard Boere and Rosalyn Boer			19	William Bothof and Antonette Bothof	7	6
20	Henry Boer and Annie Boer (William Offinga & Son, including Sidney Offinga, tenants as to 33 acre feet of water right and 26 acre feet of allowed pumping allocation)	30	24	20	Frank Bouma and Myron D. Kolstad	3	3
21	John Boere, Jr. and Mary J. Boere	30	24	21	Ted Bouma and Jeanette Bouma	21	17
22	John Boere, Sr. and Edna Boere (John Boere, Jr., tenant)	30	24	22	Sam Bouman (Arie C. Van Leeuwen, tenant)	8	6
23	John Boere, Jr. (see also listing under name of Leonard A. Grenier)			23	John Brown Schools of California, Inc. (Bateson's School of Horticulture, Inc., tenant)		
24				24			
25				25			
26				26			
27				27			
28				28			

	<u>Name</u>	Total Water Right	Allowed Pumping Allocation	Total Water Right	Allowed Pumping Allocation
1	Duke Buma and Martha Buma	8	6	3	Cherryvale Water Users' Association
2	Miles A. Burson and Rose Burson	7	6	4	Shigeru Chikami and Jack Chikami doing business as Chikami Bros. Farming (see also listing under name of Southern California Edison Company)
3	Calavar Corporation (see listing under name of H R M Land Company)	101	81	5	(see also listing under name of Southern California Edison Company)
4	California Cotton Oil Corporation	0	0	6	John Christoffels and Effie Christoffels
5	California Portland Cement Company	149	119	7	Citrus Grove Heights Water Company
6	California Rendering Company, Ltd.	2,584	2,067	8	City Farms Mutual Water Company No. 1
7	California Water and Telephone Company	14,774	11,774	9	City Farms Mutual Water Company No. 2
8	California Water Service Company (Base Water Right - 13,477)	14,717	11,717	10	City of Artesia
9	Candlewood Country Club	184	147	11	City of Bellflower
10	V. Capovilla and Mary Capovilla	0	0	12	City of Compton
11	Carmenita School District	9	7	13	City of Downey
12	Carson Estate Company	139	111	14	City of Huntington Park
13	Paul Carver	0	0	15	City of Inglewood (Base Water Right - 629)
14	Catalin Corporation of America	13	10	16	1,118
15	Center City Water Co.	86	69	17	City of Lakewood
16	Central Manufacturing District, Inc. (Louis Guglielma and Richard Wigboldy, tenants)	825	660	18	City of Long Beach (Base Water Right - 29,876)
17	Century Center Mutual Water Association	317	254	19	City of Los Angeles (see paragraph 2 above of this Part I for water rights and restrictions on the exercise thereof of said defendant. See also such reference with respect to Department of Water and Power of the City of Los Angeles.)
18	Century City Mutual Water Company, Ltd.	62	50	20	21
19	Cerritos Junior College District	119	95	22	23
20	Cerritos Park Mutual Water Company	77	62	24	25
21	Challenge Cream & Butter Association	146	117	26	27
22	Chansall Mutual Water Company	101	81	28	28
23	Maynard W. Chapin, as Executor of the Estate of Hugh L. Chapin, deceased	36	29		

<u>Name</u>	<u>Total Water Right</u>	<u>Allowed Pumping Allocation</u>	<u>Name</u>	<u>Total Water Right</u>	<u>Allowed Pumping Allocation</u>
1			2		
2			3		
3 City of South Gate	9,942	7,954	3 Copp Equipment Company, Inc. and Humphries Investments Incorporated	7	6
4 City of Vernon	9,008	7,206	4 Mary Cordeiro and First Western Bank & Trust Company, as Trustee pursuant to last will and testament of Tony Cordeiro, deceased	5	
5 City of Whittier	776	621	6 Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter Day Saints (Ray Mitchell, tenant)	6	37
6 Allan Clanton and Ina Clanton	80	64	7 Harry Lee Cotton and Doris L. Cotton County of Los Angeles	39	31
7 Clarettian Jr. Seminary (see listing under name of Dominguez Seminary)			8 County Water Company	737	590
8 Dr. Russell B. Clark (see listing under name of Research Building Corporation)	16	13	9 Cowlitz Amusements, Inc. (La Mirada Drive-In Theater, tenant)	4	4
9 Jacob Cloo and Grace Cloo	80	64	10 Pete Coy	28	22
10 Clougherty Packing Company	426	341	11 Crest Holding Corporation	20	16
11 Coast Packing Company	588	470	12 Katherine M. Culbertson	2	2
12 Coast Water Company			13 Orlyn L. Culp and Garnetle Culp	21	17
13 Joe A. Coelho, Jr. and Isabel Coelho	5	4	14 Everett Curry and Marguerite Curry D. V. Dairy (see listing under name of Frank C. Leah)	2	2
14 J. H. Coito, Jr.	0	0	15 Noble G. Daniels (see listing under name of Harold Marcroft)	1	1
15 John H. Coito and Guilhermina Coito (Zylstra Bros., a partnership consisting of Lammert Zylstra and William Zylstra, tenant)	17	14	16 Dairymen's Fertilizer Co-op, Inc.	0	0
16 J. E. Collinsworth	15	12	17 Henry De Bie, Jr. and Jessie De Bie	17	14
17 Compton Union High School District	48	38	18 Clifford S. Deeth	0	0
18 Conservative Water Company (Base Water Right - 4,101)	13,3	3,306	19 Ernest De Groot and Dorothy De Groot	81	65
19 Container Corporation of America	323	1,058	20 Pete de Groot	15	12
20 Nicholas C. Contoas and P. Basil Lambros (Vehicle Maintenance & Painting Corporation, tenant)			21 Pier De Groot and Fay De Groot	21	17
21 Continental Can Company, Inc.	946	757	22		
22 Contractors Asphalt Products Company, Inc.	16	13	23		
23 R. M. Contreras	3	6	24		
24			25		
25			26		
26			27		
27			28		
28					

	Name	Total Water Right	Allowed Pumping Allocation	Name	Total Water Right	Allowed Pumping Allocation
1				1		
2				2		
3	Martin De Hoog and Adriana De Hoog	12	10	3	Lloyd W. Dinkelspiel, Jr. (see listing under name of Florence Hellman Ehrman)	
4	Edward De Jager and Alice De Jager	37	30	4	District VII, Division of Highways of the State of California Department of Public Works (see listing under name of State of California)	
5	Cornelius De Jong and Grace De Jong	13	10	5	Dominguez Estate Company	0
6	Jake De Jong and Lena De Jong (Frank A. Gonsalves, tenant as to 8 acre-feet of water right)	21	17	6	Dominguez Seminary and Claretian Jr. Seminary	0
7	William De Kriek (see listing under name of Gerrit Van Dam)			7	Dominguez Water Corporation	8,012
8	Del Amo Dairy (see listing under name of Ed Haakma)			8	Peter Dotinga and Tena Dotinga (Dave Bajema, tenant)	6,410
9	Del Amo Estate Company	0	0	9	Robert L. Dougherty	0
10	Joe De Marco and Concetta De Marco	1	1	10	Downey Cemetery District	21
11	Louis F. De Martini (see listing under name of Southern California Edison Company)			11	Downey Fertilizer Co. (see listing under name of Downey Land Company)	9
12	Mary A. De Mello	16	13	12	Downey Land Company (Downey Fertilizer Co., tenant)	81
13	John Den Hollander (see listing under name of James Dykstra)			13	Downey Valley Water Company	87
14	John Den Hollander (see listing under name of James Dykstra)			14	Jim Drost	0
15	Department of Water and Power of The City of Los Angeles, by reason of charter provisions, has the management and control of water rights owned by the City of Los Angeles (see listing under name of City of Los Angeles)			15	James Dykstra and Dora Dykstra (John Den Hollander, tenant)	5
16	Ruth E. Dever (Orange County Nursery, Inc., tenant)	0	0	16	John Dykstra and Wilma Dykstra	52
17	Andrew De Voss and Alice De Voss (Arthur De Voss and Arthur Atsma, tenants)			17	Cor Dyt and Andy Dyt	6
18	Agnes De Vries (Gerrit Anker, tenant)	16	13	18	Eagle Picher Company	141
19	Dick De Vries and Theresa De Vries	10	8	19	Gail H. Eagleton	67
20	Gerrit De Vries and Claziena De Vries	18	14	20	Florence Hellman Ehrman; I. W. Hellman, Jr.; Frederick J. Hellier; Clarence F. Hellman; Clarence E. Heller; Elizabeth Heller; Clarence E. Heller; Elinor R. Heller and Wells Fargo Bank, as co-executors of the Estate of Edward H. Heller, deceased; Lloyd W. Dinkelspiel, Jr., William H.	54
21	Gerrit De Voyer and Dena Deyager	0	0	21		- 21 -
22				22		
23				23		
24				24		
25				25		
26				26		
27				27		
28				28		

	Name	Total Water Right	Allowed Pumping Allocation	Allowed Pumping Allocation	Total Water Right	Name	Total Water Right	Allowed Pumping Allocation
2	Green and Wells Fargo Bank, as co-executors of the Estate of Lloyd W. Dinkelspiel, deceased; Wells Fargo Bank, as Trustee under the trust created by the Will of Florence H. Dinkelspiel, deceased. (Union Oil Company of California, lessee as to 190 acre-feet of right and as to 152 acre-feet of allowed pumping allocation)	444	55	55	9	Henry Fikse and Jennie Fikse	4	4
3	Berton Elson (see listing under name of D. P. Winslow)	0	0	0	10	Filtrol Corporation	570	456
4	John H. Emoto and Shizuko Emoto	0	0	0	11	The Firestone Tire & Rubber Co.	1,536	1,229
5	Addie L. Enfield (see listing under name of James L. Stamps)	0	0	0	12	First Western Bank & Trust Co. (see listing under name of Mary Cordeiro)	1,521	1,217
6	John W. Englund and Consuello England (see listing under name of Jenkins Realty Mutual Water Co.)	10	8	8	13	Clare Fisher	0	0
7	Emma Engler (Morris Weiss, tenant)	10	8	8	14	Elizabeth Flesch, James Flesch, Margaret Flesch, Theodore Flesch, Ernest D. Roth and Eva Roth, doing business as Norwalk Mobile Lodge	2,567	2,054
8	Anthony F. Escobar and Eva M. Escobar (Henry Kampen, tenant)	14	11	11	15	The Flintkote Company	11	9
9	Excelsior Union High School District	381	305	305	16	Ford Motor Company	18	14
10	Kenneth A. Farris and Wanda Farris	1	1	1	17	Robert G. Foreman (see listing under name of Lakewood Pipe Co.)	2,567	2,054
11	Federal Ice and Cold Storage Company	92	74	74	18	Guiseppi Franciosi and Alice Franciosi	2	2
12	Fred Fekkes (see listing under name of Steve Stefani, Sr.)	0	0	0	19	Tony V. Freitas (see listing under name of Bank of America, etc.)	22	22
13	Julius Felsenthal and Mrs. Julius Felsenthal, aka Marga Felsenthal	1	1	1	20	S. Fujita	0	0
14	Tony Fernandes (see listing under name of U. Stewart Jones)	0	0	0	21	Jun Fukushima (see listing under name of Chige Kawaguchi)	0	0
15	Joe C. Ferreira and Carolina Ferreira (Joe C. Ferreira and Joe C. Ferreira, Jr., operators of well facility)	37	30	30	22	Paul Fultheim and Helga Fultheim	5	4
16					23	Fumi Garden Farms, Inc. (see listing under name of Southern California Edison Company and also under name of George Yamamoto)	- 23 -	- 23 -
17					24			
18					25			
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	Name	Total Water Right	Allowed Pumping Allocation	Total Water Right	Allowed Pumping Allocation
1				1	Name
2				2	
3	Gabby Louise, Inc. (Arthur Gilbert & Associates, tenant)	58	46	3	Jack Gonsalves, Joe Lucas, Pete Koopmans, Manuel M. Souza, Sr.,, Manuel M. Souza, Jr., Frank M. Souza, Louie J. Souza, and Mary A. Ferreira
4	Victor E. Gamboni and Barbara H. Gamboni			4	
5	(Jake J. Alewyn and Mrs. Jake J. Alewyn also known as Normalie May Alewyn, tenants as to 13 acre feet of water right and 10 acre feet of allowed pumping allocation)	27	22	5	Jack Gonsalves and Mary Gonsalves
6				6	Joaquin Gonsalves and Elvira Gonsalves
7				7	Joe A. Gonsalves and Virginia Gonsalves
8	Nick Gandalfo and Palmera Gandalfo	5	4	8	The B. F. Goodrich Company
9	Freddie A. Garrett and Vivian Marie Garrett	6	5	9	The Goodyear Tire & Rubber Company
10	Martha Gatz	15	12	10	Eric Gorden and Hilde Gorden
11	General Dynamics Corporation	675	540	11	Fern Ethyl Gordon as to an undivided 1/2 interest; Fay G. Tawzer and Lawrence R. Tawzer, as to an undivided 1/2 interest
12	General Telephone Company of California	2	2	12	
13	Alfred Giacomi and Jennie Giacomi	58	46	13	
14	Arthur Gilbert & Associates (see listing under name of Gabby Louise Inc.)			14	Huntley L. Gordon (appearing by and through United California Bank, as Conservator of the Estate of Huntley L. Gordon)
15	Mary Godinho	0	0	15	
16				16	Robert E. Gordon
17	Pauline Godinho (Joe C. Godinho and John C. Godinho, Jr., doing business as Godinho Bros. Dairy, tenants)	31	25	17	Joe Gorzeman and Elsie Gorzeman
18				18	Florence M. Graham
19	Harry N. Goedhart, Henry Otto Goedhart, Hilbrand John Goedhart, John Goedhart, Otto Goedhart, Jr., Peter Goedhart and Helen Goedhart Van Eik (Paramount Farms, tenant)	21	17	19	Marie Granger
20				20	Great Western Malting Company
21				21	William H. Green (see listing under name of Florence Hellman Ehman)
22	Reimer Goedhart	12	10	22	
23	Golden Wool Company	223	178	23	Greene-Howard Petroleum Corporation (see listing under name of Hathaway Company)
24	Albert S. Gonsalves and Caroline D. Gonsalves	10	8	24	John H. Grenier and Henry W. Gremmius dba Henry and John Gremmius
25				25	Leonard A. Grenier and Marie Louise Grenier (John Boere, Jr., tenant)
26	Frank A. Gonsalves (see listing under name of Bank of America National Trust and Savings Association, etc.; and also under name of Jake De Jong)			26	Florence Guerrero
27				27	
28				28	
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	Name	Total Water Right	Allowed Pumping Allocation	Name	Total Water Right	Allowed Pumping Allocation
1				1		
2				2		
3	Louis Gugielmana (see listing under name of Central Manufacturing District, Inc.)			3	Kazuo Hatanaka (Minoru Yoshijima, tenant)	10 8
4	George V. Gutierrez and Mrs. Socorro Gutierrez (see listing under name of Associated Southern Investment Company)			4	Masakazu Hatanaka, Isao Hatanaka, and Kenichi Hatanaka	5 4
5	Salvatore Gutierrez (see listing under name of Southern California Edison Company)			5	Mrs. Motoye Hatanaka	0 0
6	H. J. S. Mutual Water Co.	50		6	Hathaway Company, Richard F. Hathaway, Julian I. Hathaway, and J. Elwood Hathaway (Greene-Howard Petroleum Corporation, tenant utilizing less than 1 acre foot per year)	70 56
7	H. R. M. Land Company (Harron, Rickard & McCone Company of Southern California and Calavair Corporation, tenants)	3		7	Clarence E. Heller; Alfred Heller; Elizabeth Heller; Clarence E. Heller; Elinor R. Heller, as co-executors of the Estate of Edward H. Heller, deceased (see listing under name of Florence Hellman Ehrman)	10 7
8	Gerrit Haagsma and Mary Haagsma	10	8	8	I. W. Hellman, Jr.; Frederick J. Hellman; Marco F. Hellman (see listing under name of Florence Hellman Ehrman)	12 13
9	Ed Haakma and Sjana Haakma (Del Amo Dairy, tenant; Ed Haakma and Pete Vander Kooi, being partners of said Del Amo Dairy)	28	22	9	Ralph Hicks	0 0
10	Vernsy Haas and Adelyne Haas	4	4	10	Alfred V. Highstreet and Evada V. Highstreet	10 8
11	William H. Hadley and Grace Hadley	4	4	11	John Highstreet and Eileen M. Highstreet	9 7
12	Henry C. Harlinger and Emily Harlinger	10	8	12	Bob Hilarides and Maaike Hilarides (Frank Hilarides, tenant)	18 19
13	Clarence Theodore Halburg	3	3	13	Hajime Hirashima (see listing under name of Masaru Uyeda)	20 21
14	Fred Hambarian	2	2	14	Willis G. Hix	1 1
15	Henry Hamstra and Nelly Hamstra	33	26	15	Henry H. Hoffman and Apolonia Hoffman	12 10
16	Raymond Hansen and Mary Hansen	12	10	16	Dick Hofstra	0 0
17	Earl Haringa; Evert Veenendaal and Gertrude Veenendaal	22	18	17	Andrew V. Hohn and Mary G. Hohn	25 26
18	Antoine Harismendy and Claire Harismendy	0	0	18	Kyle R. Holmes and Grace Ellen Holmes	20 16
19	Harron, Rickard & McCone Company of Southern California (see listing under name of H. R. M. Land Company)			19	Home Water Company	35 28
20	Jack D. Hastings	0	0	20	- 27 -	
21	Kameko Hatanaka	9	7	21		
22				22		
23				23		
24				24		
25				25		
26				26		
27				27		
28				28		

	Name	Total Water Right	Allowed Pumping Allocation	Total Water Right	Allowed Pumping Allocation
1					
2					
3	Manuel L. Homen	17	14		
4	Mrs. Paul Y. Homer (see listing under name of Mrs. Paul Y. Homer (King).)			3	1
5	Cornelis Hoogland and Alice Hoogland	15	12	4	1
6	Art Hop, Jr.	0	0	5	52
7	Art Hop, Sr. and Johanna Hop (G. A. Van Beek, tenant)	5	4	6	
8	Andrew Hop, Jr. and Muriel Hop	33	26	7	22
9	Theodore R. Houseman and Leona M. Houseman	14	11	8	
10	Humphries Investments Incorporated (see listing under name of Copp Equipment Company, Inc.)			9	
11	Albert Huyg and Marie Huyg	22	18	10	
12	Hygenic Dairy Farms, Inc.	0	0	11	
13	Pete W. Idsinga and Annie Idsinga	13	10	12	
14	Miss Alice M. Imbert	1	1	13	
15	Industrial Asphalt of California, Inc.	116	93	14	
16	Inglewood Park Cemetery Association	285	228	15	
17	International Carbonic, Inc. (see listing under name of P. T. Beechly)			16	
18	Jugora Ishii and Numeno Ishii (Ishii Brothers, tenant)	10	8	17	
19	Robert J. Jamison and Betty Jamison	7	6	18	
20	Jenkins Realty Mutual Water Co. (Clyde H. Jenkins, Minnie R. Jenkins, Mary Wilcox, Ruby F. Marchbank, Robert B. Marchbank, John W. England, and Consuelo England, shareholders)	10	8	19	
21	John-Made Co.	1	1	20	
22	Henry S. Jones and Madelynne Jones	1	1	21	
23				22	
24				23	
25				24	
26				25	
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	<u>Name</u>	Total Water Right	Allowed Pumping Allocation	Name	Total Water Right	Allowed Pumping Allocation
1	Mrs. Oraan Kline (Nicholaas J. Moons, tenant)	11	9	P. Basil Lambros (see listing under name of Nicholas C. Conreas)	3	0
2	Morris P. Kirk & Son, Inc.	77	62	La Mirada Drive-in Theater (see listing under name of Cowitz Amusements, Inc.)	4	0
3	Jake Knevelbaard and Anna Knevelbaard	50	40	La Mirada Water Company	5	0
4	Willie Knevelbaard and Joreen Knevelbaard	1	1	Calvin E. Langston and Edith Langston	6	1
5	Simon Knorringa	12	10	S. M. Lanting and Alice Lanting	7	12
6	John Koetsier, Jr.	0	0	Henry Lautenbach and Nellie H. Lautenbach	8	13
7	Myron D. Kolstad (see listing under name of Frank Bouma)	10	10	Norman Lautrup, as Executor of the Estate of Neils Lautrup, deceased; and Minnie Margaret Lautrup	9	24
8	Yoshio Kono and Barbara Kono (see listing under name of George Mimaki)	13	10	Frank C. Leal and Lois L. Leal (D. V. Dairy, tenant)	10	12
9	Louis Koolhaas	13	7	Eugene O. Lechasseur and Lillian P. Lechasseur (R. A. Lechasseur, tenant)	11	2
10	Simon Koolhaas and Sophie Grace Koolhaas	9	7	Lee Deane Products, Inc.	12	0
11	Pete Koopmans (see listing under name of Jack Gonsalves)	14	14	Harley Lee (see listing under name of Delbert G. Black)	13	0
12	Nick P. Koot (see listing under name of Mary Myrndahl)	15	15	Le Field Manufacturing Company	14	0
13	Kotake, Inc. (Masao Kotake, Seigo Kotake, William Kotake, dba Kotake Bros., tenants)	83	66	Armand Lescoule (see listing under name of Southern California Edison Company)	15	0
14	Masao Kotake	0	0	Liberty Vegetable Oil Company	16	11
15	Walter G. Kruse and Mrs. Walter G. Kruse, aka Vera M. Kruse	11	9	Little Lake Cemetery District	17	14
16	Laguna-Maywood Mutual Water Company No. 1	1,604	1,283	Little Lake School District	18	0
17	La Habra Heights Mutual Water Company	3,044	2,435	Loma Floral Company (see listing under name of George Minaki)	19	2
18	La Hacienda Water Company	46	37	Melvin L. Long and Stella M. Long	20	2
19	Lakewood Pipe Co., a partnership composed of Robert G. Foreman, Frank W. Tybus and June E. Tybus (Lakewood Pipe Service Co., tenant)	12	10	Nick J. Loogman (see listing under name of William Smoorenburg)	21	0
20				Frank Lorenz (see listing under name of Ralph Oosten)	22	-
21					23	-
22					24	-
23					25	-
24					26	-
25					27	-
26					28	-
27						- 31 -

	Name	Total Water Right	Allowed Pumping Allocation	Name	Total Water Right	Allowed Pumping Allocation
1				1		
2				2		
3	Los Angeles County Waterworks District No. 1 (Base Water Right 22)	113	90	3	Robert B. Marchbank and Ruby F. Marchbank (see listing under name of Jenkins Reality Mutual Water Co.)	
4	Los Angeles County Waterworks District No. 10	842	674	4		
5	Los Angeles County Waterworks District No. 16	412	330	5	Harold Marcroft and Marjorie Marcroft (Noble G. Daniels, tenant)	7
6	Los Angeles Paper Box and Board Mills	321	257	6	Floyd G. Marcussen (see listing under name of Sykes Realty Co.)	
7	Los Angeles Union Stockyards Company	0	0	7		
8	Los Nietos Tract 6192 Water Co.	49	39	8	Walter Marlowe and Edna Marlowe	1
9	Alden Lourenco (see listing under name of A. C. Pinheiro)	0	0	9	Marshburn, Inc. (see listing under name of Mel, Inc.)	
10	Lowell Joint School District	0	0	10	The Martin Bros. Container & Timber Products Corp.	7
11	Joe Lucas (see listings under names of Mary A. Ferreira and Jack Gonsalves)			11		6
12	Luer Packing Co. (see listing under name of Sam Perricone)			12	Mary Martin	35
13	Jake J. Luetto (Orange County Nursery, Inc., tenant)	13	10	13	Antonio Mathias and Mary Mathias	16
14	Lunday-Thagard Oil Co.	265	212	14	Mausoleum Park, Inc. and Sun Holding Corporation	4
15	Joe Luond (Frieda Roethlisberger, tenant as to portion of rights)	7	6	15	Maywood Mutual Water Company No. 1	926
16	John Luscher and Frieda Luscher	13	10	16	Maywood Mutual Water company No. 2	1,007
17	Paul H. Lussman, Jr. and Ann Lussman, Siegfried Binggeli and Trina L. Binggeli (Paul's Dairy, tenant)	8	6	17	Maywood Mutual Water Company No. 3	1,407
18	Lynwood Gardens Mutual Water Company	205	164	18	Mel, Inc. (Marshburn, Inc., tenant)	67
19	Lynwood Park Mutual Water Company	273	222	19	G. Mellano	54
20	Jerome D. Mack and Joyce Mack (see listing under name of D. S. Moss)	15	12	20	Wilbur Mellema and Mary Mellema (see listing under name of Elmo D. Murphy)	1,126
21	Roberta M. Magnusson (King Kelly Marmalade Co., tenant)	0	0	21	Wilbur Mellema (see listing under name of Morris Weiss)	
22	Anthony Mancebo			22	Memorial Parks, Inc.	
23				23	Metropolitan State Hospital of the State of California Department of Mental Hygiene (see listing under name of State of California)	
24				24	Lyman B. Merrick and Gladys L. Merrick	
25				25		
26				26		
27				27		
28				28	F. N. Metzger	0

	<u>Name</u>	<u>Total Water Right</u>	<u>Allowed Pumping Allocation</u>	<u>Total Water Right</u>	<u>Allowed Pumping Allocation</u>
2	3 Lorraine K. Meyberg (L. Kauffman Company, Inc., tenant)	81	65	1	1
4	Midland Park Water trust	71	57		
5	Midway Gardens Mutual Association	59	47		
6	Harry C. Miersma and Dorothy L. Miersma	12	10		
7	Henry Miersma and Susan M. Miersma	7	6		
8	Willis L. Miller	0	0		
9	George Mimaki, Mitsuko Mimaki, Yoshio Kono and Barbara Kono (Loma Floral Company, tenant)	2	2		
11	Ray Mitchell (see listing under name of Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter Day Saints; and also listing under name of Frank Ruggieri)				
12	Fumiiko Mitsuuchi, aka Mary Mitsuuchi (Z. Van Spanje, tenant as to one acre foot)	14	11		
13	Yoneichi Miyasaki	0	0		
17	Glenn Miyoshi, Yoaku Miyoshi, Masayo Miyoshi, Haruo Miyoshi, and Masaru Miyoshi, dba Miyoshi Bros.	10	8		
18	Jean Mochio and Michel Plaa	11	9		
20	Modern Imperial Company	71	57		
21	Montebello Land and Water Company	1,990	1,592		
22	Monterey Acres Mutual Water Company	128	102		
23	Nicholaas J. Moons (see listing under name of Mrs. Oraan Kinne)				
24	Alexander Moore and Betty L. Moore	16	13		
25	Neal Moore	0	0		
26	Alyce Mooschekian	0	0		
27	Reuben Mooschekian	15	12		
28					
				- 34 -	
					- 35 -

	Name	Total Water Right	Allowed Pumping Allocation	Total Water Right	Allowed Pumping Allocation
1					
2					
3	Norris-Thermador Corporation	172	138	3	Manuel B. Ourique (see listing under name of John Borges)
4	North Gate Gardens Water Co.	60	48	4	Owl Constructors
5	Norwalk-La Mirada City School District	360	288	5	Pacific Electric Railway Company
6	Norwalk Mobile Lodge (see listing under name of Elizabeth Flesch)			6	(Gerrit Van Leeuwen of 15405 Shoemaker Road, Norwalk, tenant as to 11 acre feet of right and 9 acre feet of allowed pumping allocation)
7	Mabel E. Nottingham (Leslie Nottingham, tenant)	25	20	7	
8	William Offinga & Son, including Sidney Offinga (see listing under name of Henry Boer)			8	Packers Mutual Water Company
9	Olive Lawn Memorial Park, Inc.	14	11	9	Edward G. Paddison and Grace M. Paddison
10	John Oord	0	0	10	Paramount Farms (see listing under name of Harry N. Goedhart)
11	Marinus Oosten and Antonia Oosten	16	13	11	Paramount County Water District
12	Ralph Oosten and Caroline Oosten (Frank Lorenz, tenant as to 13 acre feet of water right and 10 acre feet of allowed pumping allocation)			12	Paramount Unified School District
13	Orange County Nursery, Inc. (see also: listing under name of Ruth E. Dever; listing under name of Jake J. Iuetto; and listing under name of Mary Ravera)	16	13	13	Park Water Company
14	Orchard Dale County Water District (Base Water Right - 1,382)	1,384	1,107	14	W. J. Parsonson
15	Orchard Park Water Club, Inc.	50	40	15	Rudolph Pasma and Frances C. Pasma
16	Oriental Foods, Inc.	34	27	16	Paul's Dairy (see listing under name of Paul H. Lissman, Jr.)
17	Orla Company (John D. Westra, tenant)	7	6	17	Mrs. La Verne Payton
18	Viva Ormonde (see listing under name of Hank Van Dam)			18	Peerless Land & Water Co., Inc.
19	Pablo Oropeza and Aurelia G. Oropeza (Pablo Oropeza, Jr., tenant) (see also listing under name of Tarr and McComb Oil Company, Ltd.)			19	J. C. Pereira, Jr. and Ezaura Pereira
20	John Osinga (Leo Nauta, tenant)	6	5	20	Sam Perricone and Louis Romoff (Luer Packing Co., tenant)
21				21	Peterson Manufacturing Co., Inc.
22				22	Phelps Dodge Copper Products Corporation
23				23	Pico County Water District
24				24	Piedmont Heights Water Club
25				25	Lucille C. Pimental (Richard Pimental and Pimental Dairy, tenants)
26				26	
27				27	
28				28	

	Name	Total Water Right	Allowed Pumping Allocation		Total Water Right	Allowed Pumping Allocation
1	2	3	4	5	6	7
3	Joe Pine (see listing under name of A. C. Pinheiro)					
4	A. C. Pinheiro and Mary M. Pinheiro					
5	(Alden Lourenco, tenant as to 9 acre feet of water right and 7 acre feet of allowed pumping right; and Joe Pine, tenant as to 13 acre feet of water right and 10 acre feet of allowed pumping right)	128	102			
6	Fred Pinto and Mary Pinto	5	4			
7	Frank Pires (see listing under name of Frank Simas)	31	25			
8	Tony C. Pires and Laura C. Pires	53	42			
9	Michel Plia (see listing under name of Jean Mocho)	32	26			
10	Donald R. Plunkett	24	19			
11	Pomerding Tract Water Association	35	28			
12	Garret Porte and Cecelia Porte	16	13			
13	Veronica Postma	1	1			
14	C. H. Powell	784	627			
15	Powerine Oil Company	0	0			
16	Ralph Pylyman and Ida Pylyman	13	10			
17	Quality Meat Packing Company	38	30			
18	Ralphs Grocery Company	0	0			
19	Arthur D. Ramsey and James A. Ramsey	5	4			
20	John Preem					
21	Rancho Santa Gertrudes Mutual Water System	48	38			
22	Mary Ravera (Orange County Nursery, Inc., tenant	39	31			
23	Zelma Ravera	2	2			
24	Rawlins Investment Corporation (Rockview Milk Farms, Inc., tenant)	66	53			
25	Hal Rees	0	0			
26	Reeves Tract Water Company	36	29			
27	Clarence Reinalda	0	0			
28	Reliance Dairy Farms	122	98			
29	Research Building Corporation (Dr. Russell B. Clark, tenant)	11	9			
30	Richfield Oil Corporation	71	57			
31	Richland Farm Water Company	216	173			
32	George Rietkerk and Cornelia Rietkerk	7	6			
33	Rio Hondo Country Club (see listing under name of James L. Stamps)					
34	Erasmo Rios (see listing under name of Esther Salcido)					
35	Jesus Rios (see listing under name of Esther Salcido)					
36	Frank J. Rocha, Jr. and Elsie M. Rocha	13	10			
37	Rockview Milk Farms, Inc. (see listing under name of Rawlins Investment Corporation)					
38	John Rodrigues, Emily S. Rodrigues, and John Rodrigues, Jr. (see also below)	5	4			
39	John Rodrigues and John Rodrigues Jr.	1	1			
40	Frieda Roethlisberger (see listing under name of Joe Luond)					
41	Patricia L. Davis Rogers, aka Patricia L. Davis	2	2			
42	The Roman Catholic Archbishop of Los Angeles, a corporation sole	426	341			

	Name	Total Water Right	Allowed Pumping Allocation	Name	Total Water Right	Allowed Pumping Allocation
1				1		
2				2		
3	Gladys Marie Ronberg (see listing under name of Bernard William Bootsma)	0	0	3	Mrs. A. Schuur	0
4	Alois M. Rombout			4	John Schuurman and Isabel Schuurman (James Sieperda, tenant)	15
5	Louis Romoff (see listing under name of Sam Perricone)			5	David Seldeen and Fay Seldeen (see listing under name of Frank Ruggieri)	12
6	Elvira C. Rosales	3	3	6	Maurice I. Sessler	6
7	Frank J. Ross	2	2	7	Chris Shaffer and Celia I. Shaffer	6
8	Ernest D. Roth and Eva Roth (see listing under name of Elizabeth Flesch)			8	Shayman & Wharram, a partnership, consisting of John W. Shayman and Francis O. Wharram	2
9	Ed Roukema	0	0	9	Shell Oil Company (see listing under name of Margaret F. Slusher)	
10	Herbert N. Royden	31	25	10	Shelter Superior Dairy (see listing under name of Otelia Nelson)	
11	Ruchti Brothers	31	25	11	Tadao Shiba and Harume Shiba, Susumu Shiba, and Mitsuko Shiba	7
12	Frank Ruggieri and Vada Ruggieri (see additional listing below)	1	1	12	Yahiko Shiozaki and Kiyoko Shiozaki; Ken Shiozaki and Grace Shiozaki	5
13	Frank Ruggieri and Vada Ruggieri; David Seldeen and Fay Seldeen (Ray Mitchell, tenant)	23	18	13	Shore-Plockin Enterprises, Inc. (Shore-Calnevar, Inc., tenant)	5
14	Thomas S. Ryan and Dorothy J. Ryan	19	15	14	J. E. Siemon	12
15	Sam Rypkema and Tena Rypkema	8	6	15	James Sieperda (see listing under name of John Schuurman)	15
16	St. John Bosco School	53	42	16	Sierra Restaurant Corporation	0
17	Esther Salcido and Jesus Rios (Erasto Rios, tenant)	3	3	17	Frank Simas and Mabel Simas (Frank Pires, tenant)	0
18	San Gabriel Valley Water Company	6,828	5,462	18	Bennett E. Simmons and Alice Lorraine Simmons, George K. Simons and Doris June Simons (Bell Trailer City, tenant)	33
19	Joe Santana and Palmira Santana	10	8	19	Margaret F. Slusher (Shell Oil Company, tenant)	11
20	Sasaki Bros. Ranch, Inc.	32	26	20	Lester W. Smith and Donald E. Smith (Lester W. Smith Dairy, tenant)	20
21	Sativa L. A. County Water District	592	474	21	- 40 -	16
22	Ben Schilder, Jr. and Anna Schilder	28	22	22		
23	Carl Schmid and Olga Schmid	18	14	23		
24		28	28	24		
25		28	28	25		
26		28	28	26		
27		28	28	27		
28		28	28	28		

	Name	Total Water Right	Allowed Pumping Allocation	Total Water Right	Allowed Pumping Allocation
1					
2					
3	Wirt Smith	14	11		
4	William Smoorenburg and Nick J. Loogman (Smoorenburg & Loogman, a partnership of William Smoorenburg and Nick J. Loogman, operating well facility)	21	17	4	James L. Stamps, as to an undivided 80% interest; Addie L. Enfield, as to an undivided 20% interest (Rio Hondo Country Club, tenant)
5				5	
6				6	Standard oil Company of California
7	Leo Snozzi and Sylvia Snozzi	52	42	7	J. F. Standley and Myrtle M. Standley
8	Socony Mobil Oil Company, Inc.	172	138	8	Star Dust Lands, Inc.
9	Somerset Mutual Water Company	2,744	2,195	9	State of California (included herein are water rights of Fred C. Nelles School for Boys of the State of California Department of the Youth Authority; Metropolitan State Hospital of the State of California Department of Mental Hygiene and District VII, Division of Highways of the State of California Department of Public Works)
10	South Montebello Irrigation District	1,238	990	10	
11	Southern California Edison Company (Vernon Bacon; Chikami Bros. Farming, consisting of Jack Chikami and Shigeru Chikami; Louis F. De Martini; Armand Lescoulie; C. D. Webster; Kenji Murata; Glenn F. Spiller and Jean H. Spiller; George Yamamoto and Alice Yamamoto, conducting business as Fumi Garden Farms, Inc.; and Salvatore Gutierrez, tenants and licensees)	18,937	15,150	11	Metropolitan State Hospital of the Youth Authority; State of California Department of Mental Hygiene and District VII, Division of Highways of the State of California Department of Public Works)
12				12	
13				13	
14				14	
15				15	Stauffer Chemical Company
16				16	John Steele and Clara D. Steele (Henry Baar and Fred Fekkes, tenants)
17				17	Steve Stefani, Jr.
18				18	Steve Stefani, Sr., and Dora Stefani (Henry Baar and Fred Fekkes, tenants)
19				19	Andrew Stellingwerf
20				20	Henry Stellingwerf and Jeanette Stellingwerf
21				21	Henry Sterk and Betty S. Sterk
22				22	V. C. Stiefel
23				23	Sophia J. Stockmal and John F. Stockmal
24				24	William Thomas Stover and Gertrude D. Stover
25				25	Louis Struikman and Alice Struikman (Louis Struikman and Pete Struikman dba Louis Struikman and Son, tenants as to 43 acre feet of water right and 34 acre feet of allowed pumping allocation; and Sidney Farah Sprague
26				26	(see also listing under name of Southern California Edison company)
27				27	
28				28	
					- 43 -
					- 42 -

	Name	Total Water Right	Allowed Pumping Allocation	Name	Total Water Right	Allowed Pumping Allocation
1				1		
2				2		
3	Van Dyke, tenant as to 10 acre feet of water right and 8 acre feet of allowed pumping allocation (see also below)	53	42	3	Carl Teixeira and Evelyn Teixeira	11
4	Louis Struikman and Peter Struikman	3	3	4	George S. Teixeira and Laura L. Teixeira	17
5	Cornelius Struikmans and Ida Struikmans	9	7	5	Harm Te Velde and Zwaantina Te Velde	253
6	Henry Struikmans and Nellie Struikmans	13	10	6	Theo Hamm Brewing Co.	150
7	Henry Struikmans, Jr.	0	0	7	Thirty-Three Forty-Five East Forty-Fifth Street, Inc.	120
8	Suburban Mutual Water Co.	0	0	8	O. T. Thompson and Drusilla Thompson	20
9	Suburban Water Systems	3,666	2,933	9	Tract Number One Hundred and Eighty Water Company	1,526
10	Kazuo Sumida	2	2	10	Tract 349 Mutual Water Company	529
11	Sun Coast Development Company	0	0	11	Fred Troost and Annie Troost	53
12	Sun Holding Corporation (see listing under name of Mausoleum Park, Inc.)			12	Frank W. Tybus and June E. Tybus (see listing under name of Lakewood Pipe Co.)	1,221
13	Sunnyside Mausoleum Company	60	48	13	Uehling Water Company, Inc.	423
14	Sunset Cemetery Association	26	21	14	Union Development Co., Inc.	677
15	E. A. Sutton and Ramona Sutton	39	31	15	Union Oil Company of California (see listing under name of Florence Hellman Ehrman)	10
16	Swift & Company	2,047	1,638	16	Union Pacific Railroad Company	656
17	Roy Sybrandy and Anne Sybrandy and Albert C. Sykes	29	23	17	Union Packing Company	100
18	Sykes Realty Co., Floyd G. Marcusson and Andy Sytsma and Dorothy Sytsma (Albert Sytsma and Robert Sytsma, doing business as Sytsma Bros., tenants)	2	2	18	United California Bank (see listing under name of Huntley L. Gordon)	80
19	Tarr and McComb Oil Company, Ltd. (Pablo Oropeza, tenant)	86	69	19	United Dairymen's Association	1
20	Roy Tashima and Shigeo Tashima	1	1	20	United States Gypsum Company	1,581
21	Fay G. Tawzer and Lawrence R. Tawzer (see listing under name of Fern Ethyl Gordon)			21	United States Rubber Company	820
22	Dorothy Taylor	0	0	22	United States Steel Corporation	176
23	Quentin D. Taylor	0	0	23	Masaru Ueda, Hajime Hirashima, and Tadashi Ueda	12
24				24	G. A. Van Beek (see listing under name of Art Hop, Sr.)	10
25				25		
26				26		
27				27		
28				28		
					- 44 -	
						- 45 -

	Name	Total Water Right	Allowed Pumping Allocation	Total Water Right	Allowed Pumping Allocation
1					
2					
3	Bas Van Dam (see listing under name of Gertrude Van Dam)			3	Huibert Vander Ham and Henrietta Vander Ham
4	Carrie Agnes Van Dam (see listing under name of Bernard William Bootsma)			4	Joe Vanderham and Cornelia Vanderham
5	Cornelius A. Van Dam and Florence Van Dam	24	19	5	John Vanderham and Nell M. Vanderham
6	Dick Van Dam, Jr.	0	0	6	Charlie Vander Kooi and Lena Mae Vander Kooi (see also listing under name of Michel Bordato)
7	Gerrit Van Dam and Grace Van Dam (William De Krieck, tenant)	13	10	7	Pete Vander Kooi (see listing under name of Ed Haakma)
8	Gertrude Van Dam (Bas Van Dam, tenant as to 29 acre feet of water right and 23 acre feet of allowed pumping right; and Henry Van Dam, tenant as to 19 acre feet of water right and 15 acre feet of allowed pumping right)	48	38	8	Bert Vander Laan and Stella Vander Laan
9	Hank Van Dam and Jessie Van Dam (Viva Ormonde, tenant)	22	18	9	Matt Vander Sys and Johanna Vander Sys
10	Henry Van Dam (see listing under name of Gertrude Van Dam)			10	Bill Vander Vegt and Henny Vander Vegt
11	Jacob Vandenberg and Anna Vandenberg (Pete Nauta, tenant)	8	6	11	George Vander Vegt and Houijke Vander Vegt
12	August Vandenburg, Ben W. Vandenburg and Andrew W. Vandenburg (Jan Bokma, tenant)	5	4	12	Harry J. Vander Wall and Marian E. Vander Wall
13	John Van Den Raadt	4	4	13	Bert Vande Vegt and Lillian Vande Vegt
14	M. Vander Dussen and Aletta C. Vander Dussen	12	10	14	Anthony Van Diest
15	Sybrand Vander Dussen and Johanna Vander Dussen	23	18	15	Jennie Van Diest, as to undivided 1/3 interest; Ernest Van Diest and Rena Van Diest, as to undivided 1/3 interest; and Cornelius Van Diest and Anna Van Diest, as to undivided 1/3 interest. (Van Diest Dairy, tenant)
16	Helen Goedhart Van Eik (see listing under name of Harry N. Goedhart)			16	Katrena Van Diest and/or Margaret Van Diest
17	Cornelius Vander Eyk, aka Case Vander Eyk, and Nelly Vander Eyk, aka Nellie Vander Eyk	7	6	17	Henry W. Van Dyk (see listing under name of Henrietta Veenendaal)
18	George Van Der Ham and Alice Van Der Ham	10	8	18	Wiechert Van Dyk and Jennie Van Dyk
19				19	Corty Van Dyke (see listing under name of Charles E. Adams)
20				20	Sidney Van Dyke (see listing under name of Louis Struckman)
21				21	
22				22	
23				23	
24				24	
25				25	
26				26	
27				27	
28				28	

	<u>Name</u>	<u>Total Water Right</u>	<u>Allowed Pumping Allocation</u>	<u>Name</u>	<u>Total Water Right</u>	<u>Allowed Pumping Allocation</u>
1				1		
2				2		
3	William Van Foeken	0	0	3	Henry Veenendaal and Henrietta Veenendaal	8 6
4	Jake Van Haaster and Gerard Van Haaster	0	0	4	Joe H. Veenendaal and Margie Veenendaal	34 27
5	Arie C. Van Leeuwen (see listing under name of Sam Bouman)			5	John Veenendaal	0 0
6	Gerrit Van Leeuwen of 15405 Shoemaker Road, Norwalk (see listing under name of Pacific Electric Railway Company)			6	Vehicle Maintenance & Painting Corporation (see listing under name of Nicholas C. Contreas)	
7				7		
8	Henry Van Leeuwen and Caroline P. Van Leeuwen; Gerrit Van Leeuwen, Jr., 5948 Loralei Street, Bellflower, and Ellen Van Leeuwen	1		8	Salvador Velasco	16 13
9				9	Mike Veldhuis	0 0
10				10	Albert Veldhuijen and Helen Veldhuijen	23 18
11	Jake Van Leeuwen, Jr. and Cornelius J. Van Leeuwen (James C. Boogerd and Jake van Leeuwen, Jr. dba Van Leeuwen & Boogerd, tenants)	7		11	Jack Verbree	0 0
12				12	Mrs. Klaasje Verburg (Leon Verburg to extent of interest under contract to purchase)	12 10
13				13		
14	Anthony R. Van Loon (see listing under name of Henry Van Ruiten)			14	John C. Verhoeven and Sadie Verhoeven	25 20
15	John Van Nierop and Lily E. Van Nierop	0	0	15	Joseph C. Viera and Caroline Viera (Joseph C. Viera and William J. Viera, doing business as Viera & Viera, tenants)	
16	Henry Van Ruiten and Mary A. Van Ruiten, as to undivided 1/2 interest; and Jake Van Ruiten and Jacoba Van Ruiten, as to undivided 1/2 interest (W. P. Jordan, Anthony R. Van Loon, and Jules Wessellink, tenants)			16	Sieger Vierstra and Nellie G. Vierstra (Jacob J. Bosma, tenant)	13 10
17				17	Virginia Country Club of Long Beach	340 272
18				18	Roy Visbeek	0 0
19				19	Louis Visser	9 7
20	Pete Van Ruiten and Mary Van Ruiten (for purposes of clarification, this Mary Van Ruiten is also known as Mrs. Pete Van Ruiten and is not the same individual as sued herein as Mary A. Van Ruiten, who is also known as Mrs. Henry G. Van Ruiten)	88	70	20	Vista Hill Psychiatric Foundation	39 31
21				21	Louie Von Ah	0 0
22				22	Walnut Irrigation District	154 123
23	Z. Van Spanje (see listing under name of Fumiko Mitsuuchi)	38	30	23	Walnut Park Mutual Water Co.	1,245 996
24				24	C. D. Webster (see also listing under name of Southern California Edison Company)	1 1
25	Evert Veenendaal and Gertrude Veenendaal (see listing under name of Earl Haringa)			25		
26				26		
27	Henrietta Veenendaal (Henry W. Van Dyk, tenant)	10	8	27		
28				28		

	<u>Name</u>	Total Water Right	Allowed Pumping Allocation	Total Water Right	Allowed Pumping Allocation
1				1	<u>Name</u>
2				2	
3	Morris Weiss and Bessie Weiss (Wilbur Mellema, tenant) (also see Listings under names of Elmo D. Murphy and Emma Engler)	20	16	3	Helene K. Winters
4	Wells Fargo Bank as Executor of Estate of Edward H. Heller, Deceased, and as Executor of Estate of Lloyd W. Dinkelspiel, Deceased, and as Trustee under Trust created by the Will of Florence H. Dinkelspiel, Deceased (see Listing under name of Florence Hellman Erman)			4	Fred E. Wiseman and Grayce Anna Wiseman
5				5	Helen Wolfsberger and Christine Joseph Volney Womack
6				6	Cho Shee Woo (Hong Woo and Ngorn Seung Woo, as agents of property for Cho Shee Woo)
7				7	Gerrit Wybenga and Rena Wybenga
8				8	George Yamamoto and Alice Yamamoto, also known as Fumi Yamamoto (Fumi Garden Farms, Inc., tenant) (see also listing under name of Southern California Edison Company)
9				9	Paul N. Yokota and Miyo Yokota
10	Jules Wesselink (see listing under name of Henry Van Ruiten)	105	84	10	Minoru Yoshijima (see listing under name of Kazuo Hatanaka)
11	West Gateway Mutual Water Co.			11	Frank Yoshioka
12	Henry Westra and Hilda Westra	40	32	12	Maxine Young
13	John D. Westra (see listing under name of Orlia Company)			13	Mrs. A. Zandvliet also known as Anna A. Zandvliet
14	Francis O. Wharram (see listing under name of Shayman & Wharram)			14	Arnold Zeilstra and Nellie Zeilstra
15	Whittier Union High School District	125	100	15	George Zivelonghi and Antonio Zivelonghi
16	Arend Z. Wier	1.4	1.1	16	Dick Zuiderwaart and Janna Zuiderwaart (Artesia Milling Company, tenant)
17	H. Wiersma, aka Harm Wiersma and Pearl Wiersma	1.6	1.3	17	Andy Zylstra
18	William Wiersma and Elbra Wiersma	7	6	18	Zylstra Bros. a partnership consisting of Laumert Zylstra and William Zylstra (see listing under name of John H. Coito)
19	Richard Wigboldy (see listing under name of Central Manufacturing District, Inc.)			19	John Zylstra and Leonard J. Zylstra, doing business as The Zylstra Dairy
20	Mary Wilcox (see listing under name of Jenkins Realty Mutual Water Co.)			20	Leonard Zylstra (not the same person as Leonard J. Zylstra)
21	Ralph P. Williams and Mary Williams	14	11	21	0
22	Wilshire Oil Company of California	1,795	1,436	22	0
23	Melvin L. Wilson and Marie Wilson	1	1	23	- 51 -
24	D. P. Winslow and Dorothy C. Winslow (Berton Elson, tenant)	15	12	24	
25				25	
26				26	
27				27	
28				28	

1 4. Transition in Administrative Year - Application.
2 "Year" and "Administrative Year" as used throughout this judgment
3 shall mean the water year; provided that with the first fiscal
4 year (July 1 - June 30) commencing at least four months after the
5 "Amended Judgment" became final, and thereafter, said words shall
6 mean the fiscal year. Since this will provide a transitional
7 Administrative Year of nine months, October 1 - June 30, ("short
8 year" hereafter), notwithstanding the finding and determinations
9 in the annual Watermaster report for the then last preceding
10 water year, the Allowed Pumping Allocations of the parties and
11 the quantity which Defendant City of Los Angeles is annually
12 permitted to extract from Central Basin for said short year shall
13 be based on three-quarters of the otherwise allowable quantity.
14 During said short year, because of hardships that might otherwise
15 result, any overextractions by a party shall be deemed pursuant
16 to paragraph 2, Subpart B of Part III of this judgment (p. 61),
17 and it shall be deemed that the Watermaster has made the
18 determination of unreasonable hardship to which reference is
19 therein made.

20 II. APPOINTMENT OF WATERMASTER; WATERMASTER ADMINI-
21 STRATION PROVISIONS. Department of Water Resources of the State
22 of California is hereby appointed Watermaster, for an indefinite
23 term, but subject to removal by the Court, to administer this
24 judgment and shall have the following powers, duties and
25 responsibilities:
26 1. Duties, Powers and Responsibilities of Watermaster
27 In order to assist the Court in the administration and enforce-
28 ment of the provisions of this judgment and to keep the Court

1 fully advised in the premises, the Watermaster shall have the
2 following duties, powers and responsibilities in addition to
3 those before or hereafter provided in this judgment:
4 (a) Watermaster May Require Reports. Information and
5 Records. To require of parties the furnishing of such reports,
6 information and records as may be reasonably necessary to
7 determine compliance or lack of compliance by any party with the
8 provisions of this judgment.
9 (b) Requirement of Measuring Devices. To require all
10 parties or any reasonable classification of parties owning or
11 operating any facilities for the extraction of ground water from
12 Central Basin to install and maintain at all times in good
13 working order at such party's own expense, appropriate measuring
14 devices at such times and as often as may be reasonable under the
15 circumstances and to calibrate or test such devices.
16 (c) Inspections by Watermaster. To make inspections
17 of ground water production facilities and measuring devices at
18 such times and as often as may be reasonable under the circum-
19 stances and to calibrate or test such devices.
20 (d) Annual Report. The Watermaster shall prepare,
21 file with the Court and mail to each of the parties on or before
22 the 15th day of the fourth month following the end of the
23 preceding Administrative Year, an annual report for such year,
24 the scope of which shall include but not be limited to the
25 following:
26 1. Ground Water Extractions
27 2. Exchange Pool Operation
28 3. Use of Imported Water

1 4. Violations of Judgment and Corrective Action Taken
2 5. Change of Ownership of Total Water Rights
3 6. Watermaster Administration Costs
4 7. Recommendations, if any.

5 (e) Annual Budget and Appeal Procedure in Relation
6 Thereto. The Watermaster shall annually prepare a tentative
7 budget for each Administrative year stating the anticipated
8 expense for administering the provisions of this judgment. The
9 Watermaster shall mail a copy of said tentative budget to each of
10 the parties hereto at least 60 days before the beginning of each
11 Administrative year. For the first Administrative year of
12 operation under this judgment, if the Watermaster is unable to
13 meet the above time requirement, the Watermaster shall mail said
14 copies as soon as possible. If any party hereto has any
15 objection to said tentative budget, it shall present the same in
16 writing to the Watermaster within 15 days after the date of
17 mailing of said tentative budget by the Watermaster. If no
18 objections are received within said period, the tentative budget
19 shall become the final budget. If objections are received, the
20 Watermaster shall, within 10 days thereafter, consider such
21 objections, prepare a final budget and mail a copy thereof to
22 each party hereto, together with a statement of the amount
23 assessed to each party. Any party may apply to the Court within
24 15 days after the mailing of such final budget for a revision
25 thereof based on specific objections thereto. The parties hereto
26 shall make the payments otherwise required of them to the
27 Watermaster even though such a request for revision has been
28 filed with the Court. Upon any revision by the Court the

1 Watermaster shall either remit to the parties their prorata
2 portions of any reduction in the budget, or credit their accounts
3 with respect to their budget assessments for the next ensuing
4 Administrative year, as the Court shall direct.
5 The amount to be assessed to each party shall be
6 determined as follows: If that portion of the final budget to be
7 assessed to the parties is equal to or less than \$20.00 per party
8 then the cost shall be equally apportioned among the parties. If
9 that portion of the final budget to be assessed to parties is
10 greater than \$20.00 per party then each party shall be assessed a
11 minimum of \$20.00. The amount of revenue expected to be received
12 through the foregoing minimum assessments shall be deducted from
13 that portion of the final budget to be assessed to the parties
14 and the balance shall be assessed to the parties having Allowed
15 Pumping Allocations, such balance being divided among them
16 proportionately in accordance with their respective Allowed
17 Pumping Allocations.
18 Payment of the assessment provided for herein, subject
19 to adjustment by the Court as provided, shall be made by each
20 such party prior to beginning of the Administrative year to which
21 the assessment relates, or within 40 days after the mailing of
22 the tentative budget, whichever is later. If such payment by any
23 party is not made on or before said date, the Watermaster shall
24 add a penalty of 5% thereof to such party's statement. Payment
25 required of any party hereunder may be enforced by execution
26 issued out of the Court, or as may be provided by order herein-
27 after made by the Court, or by other proceedings by the
28 Watermaster or by any party hereto on the Watermaster's behalf.

1 Any money unexpended at the end of any Administrative
2 year shall be applied to the budget of the next succeeding
3 Administrative year.

4 Notwithstanding the above, no part of the budget of the
5 Watermaster shall be assessed to the Plaintiff District or to any
6 party who has not extracted water from Central Basin for a period
7 of two successive Administrative years prior to the Administra-
8 tive year in which the tentative budget should be mailed by the
9 Watermaster under the provisions of this subparagraph (e).

10 (f) Rules. The Watermaster may adopt and amend
11 from time to time such rules as may be reasonably necessary to
12 carry out its duties, powers and responsibilities under the
13 provisions of this judgment. The rules shall be effective on
14 such date after the mailing thereof to the parties as is
15 specified by the Watermaster, but not sooner than 30 days after
16 such mailing.

17 2. Use of Facilities and Data Collected by Other
18 Governmental Agencies. The Watermaster is directed not to
19 duplicate the collection of data relative to conditions of the
20 Central Basin which is then being collected by one or more
21 governmental agencies, but where necessary the Watermaster may
22 collect supplemental data. Where it appears more economical to
23 do so, the Watermaster is directed to use such facilities of
24 other governmental agencies as are available to it under either
25 no cost or cost agreements with respect to the receipt of
26 reports, billings to parties, mailings to parties, and similar
27 matters.

1 3. Appeal from Watermaster Decisions Other Than With
2 Respect to Budget. Any party interested therein who has
3 objection to any rule, determination, order or finding made by
4 the Watermaster, may make objection thereto in writing delivered
5 to the Watermaster within 30 days after the date the Watermaster
6 mails written notice of the making of such rule, determination,
7 order or finding, and within 30 days after such delivery the
8 Watermaster shall consider said objection and shall amend or
9 affirm his rule, determination, order or finding and shall give
10 notice thereof to all parties. Any such party may file with the
11 Court within 30 days from the date of said notice any objection
12 to such rule, determination, order or finding of the Watermaster
13 and bring the same on for hearing before the Court at such time
14 as the Court may direct, after first having served said objection
15 upon all other parties. The Court may affirm, modify, amend or
16 overrule any such rule, determination, order or finding of the
17 Watermaster. The provisions of this paragraph shall not apply to
18 budgetary matters, as to which the appellate procedure has
19 heretofore been set forth. Any objection under this paragraph
20 shall not stay the rule, determination, order or finding of the
21 Watermaster. However, the Court, by ex parte order, may provide
22 for a stay thereof on application of any interested party on or
23 after the date that any such party delivers to the Watermaster
24 any written objection.

25 4. Effect of Non-Compliance by Watermaster With Time
26 Provisions. Failure of the Watermaster to perform any duty,
27 power or responsibility set forth in this judgment within the
28 time limitation herein set forth shall not deprive the

1 watermaster of authority to subsequently discharge such duty,
2 power or responsibility, except to the extent that any such
3 failure by the Watermaster may have rendered some otherwise
4 required act by a party impossible.

5 III. PROVISIONS FOR PHYSICAL SOLUTION TO MEET THE WATER

6 REQUIREMENTS IN CENTRAL BASIN. In order to provide flexibility
7 to the injunction set forth in Part I of the judgment, and to
8 assist in a physical solution to meet water requirements in
9 Central Basin, the injunction so set forth is subject to the
10 following provisions.

11 A. Carryover of Portion of Allowed Pumping Allocation.

12 (1) Each party adjudged to have a Total Water
13 Right or water rights and who, during a particular
14 Administrative Year, does not extract from Central Basin a
15 total quantity equal to such party's Allowed Pumping
16 Allocation for the particular Administrative Year, less any
17 allocated subscriptions by such party to the Exchange Pool,
18 or plus any allocated requests by such party for purchase of
19 Exchange Pool water, is permitted to carry over (the "One
20 Year Carryover") from such Administrative Year the right to
21 extract from Central Basin in the next succeeding
22 Administrative year so much of said total quantity as it did
23 not extract in the particular Administrative year, not to
24 exceed 20% of such party's Allowed Pumping Allocation, or 20
25 acre feet, whichever of said 20% or 20 acre feet is the
26 larger.

27 (2) Following the declaration of a Declared Water
28 Emergency and until the Declared Water Emergency ends either

1 by expiration or by resolution of the Board of Directors of
2 the Central and West Basin Water Replenishment District,
3 each party adjudged to have a Total Water Right or water
4 rights and who, during a particular Administrative year,
5 does not extract from Central Basin a total quantity equal
6 to such party's Allowed Pumping Allocation for the
7 particular Administrative Year, less any allocated
8 subscriptions by such party to the Exchange Pool, or plus
9 any allocated requests by such party for purchase of
10 Exchange Pool water, is permitted to carry over (the
11 "Drought Carryover") from such Administrative Year the right
12 to extract from Central Basin so much of said total quantity
13 as it did not extract during the period of the Declared
14 Water Emergency, to the extent such quantity exceeds the One
15 Year Carryover, not to exceed an additional 35% of such
16 party's Allowed Pumping Allocation, or additional 35 acre
17 feet, whichever of said 35% or 35 acre feet is the larger.
18 Carryover amounts shall first be allocated to the One Year
19 Carryover and any remaining carryover amount for that year
20 shall be allocated to the Drought Carryover.

21 (3) No further amounts shall be added to the
22 Drought Carryover following the end of the Declared Water
23 Emergency, provided however that in the event another
24 Declared Water Emergency is declared, additional Drought
25 Carryover may be added, to the extent such additional
26 Drought Carryover would not cause the total Drought
27 Carryover to exceed the limits set forth above.

(4) The Drought Carryover shall be supplemental to and shall not affect any previous drought carryover acquired by a party pursuant to previous order of the court.

B. When Over-extractions May be Permitted.

1. Underestimation of Requirements for Water. Any party hereto having an Allowed Pumping Allocation and not in violation of any provision of this judgment may extract in an Administrative year an additional quantity of water not to exceed: (a) 20% of such party's Allowed Pumping Allocation or 20 acre feet, whichever is greater, and (b) any amount in addition thereto which may be approved in advance by the Watermaster.

2. Reductions in Allowed Pumping Allocations in Succeeding Years to Compensate for Permissible Overextractions.

Any such party's Allowed Pumping Allocation for the following Administrative year shall be reduced by the amount over-extracted pursuant to paragraph 1 above, provided that if the Watermaster determines that such reduction in the party's Allowed Pumping Allocation in one Administrative year will impose upon such a party an unreasonable hardship, the said reduction in said party's Allowed Pumping Allocation shall be prorated over a period of five (5) Administrative years succeeding that in which the excessive extractions by the party occurred. Application for such relief to the Watermaster must be made not later than the 40th day after the end of the Administrative year in which such excessive pumping occurred. Watermaster shall grant such relief if such over-extraction, or any portion thereof, occurred during a period of Declared Water Emergency.

3. Reductions in Allowed Pumping Allocations for the Next Succeeding Administrative Year to Compensate for Overpumping. Whenever a party over-extracts in excess of 20% of such party's Allowed Pumping Allocation, or 20 acre feet, whichever is greater, and such excess has not been approved in advance by the Watermaster, then such party's Allowed Pumping Allocation for the following Administrative year shall be reduced by an amount equivalent to its total over-extractions in the particular Administrative year in which it occurred.

4. Reports of Certain Over-extractions to the Court. Whenever a party over-extracts in excess of 20% of such party's Allowed Pumping Allocation, or 20 acre feet, whichever is greater, without having obtained prior approval of the Watermaster, such shall constitute a violation of the judgment and the Watermaster shall make a written report to the Court for such action as the Court may deem necessary. Such party shall be subject to such injunctive and other processes and action as the Court might otherwise take with regard to any other violation of such judgment.

5. Effect of Over-extractions on Rights. Any party who over-extracts from Central Basin in any Administrative year shall not acquire any additional rights by reason of such over-extractions; nor, shall any required reductions in extractions during any subsequent years reduce the Total Water Right or water rights of any party to the extent said over-extractions are in compliance with paragraph 1 above.

6. Pumping Under Agreement with Plaintiff During Periods of Emergency. Plaintiff overlies Central Basin and

engages in activities of replenishing the ground waters thereof.

Plaintiff by resolution has appropriated for use during emergencies the quantity of 17,000 acre feet of imported and reclaimed water replenished by it into Central Basin, and pursuant to such resolution Plaintiff reserves the right to use or cause the use of such quantity during such emergency periods.

(a) Notwithstanding any other provision of this judgment, parties who are water purveyors (including successors in interest) are authorized to enter into agreements with Plaintiff under which such water purveyors may exceed their respective Allowed Pumping Allocations for the particular administrative year when the following conditions are met:

(1) Plaintiff is in receipt of a resolution of the Board of Directors of the Metropolitan Water District of Southern California ("MWD") that there is an actual or immediately threatened temporary shortage of MWD's imported water supply compared to MWD's needs, or a temporary inability to deliver MWD's imported water supply throughout its area, which will be alleviated by overpumping from Central Basin.

(2) The Board of Directors of both Plaintiff and Central Basin Municipal Water District by resolutions concur in the resolution of MWD's Board of Directors, and the Board of Directors of Plaintiff finds in its resolution that the average minimum elevation of water surface among those wells in the Montebello Forebay of the Central Basin designated as Los Angeles County Flood Control District Wells Nos. 1601T, 1564P, 1615P

and 1626L, is at least 43.7 feet above sea level. This computation shall be based upon the most recent "static readings" taken, which shall have been taken not more than four weeks prior. Should any of the wells designated above become destroyed or otherwise be in a condition so that readings cannot be made, or the owner prevent their use for such readings the Board of Directors of the Plaintiff may, upon appropriate engineering recommendation substitute such other well or wells as it may deem appropriate.

(3) In said resolution, Plaintiff's Board of Directors sets a public hearing, and notice of the time, place and date thereof (which may be continued from time to time without further notice) is given by First Class Mail to the current designees of the parties, filed and served in accordance with Part V, paragraph 3 of this Judgment. Said notice shall be mailed at least five (5) days before the scheduled hearing date.

(4) At said public hearing, parties (including successors in interest) are given full opportunity to be heard, and at the conclusion thereof the Board of Directors of Plaintiff by resolution decides to proceed with agreements under this Part III-B.

(5) For purposes of this Part III-B, "water purveyors" mean those parties (and successors in interest) which sell water to the public whether regulated public utilities, mutual water companies or public entities, which have a connection or connections for the taking

of imported water of MWD, or access to imported water
of MWD through a connection, and which normally supply
part of their customer's needs with such imported
water.

(b) All such agreements shall be subject to the following requirements, and such others as Plaintiff's Board of Directors shall require:

(1) They shall be of uniform content except as to quantity involved, and any special provisions considered necessary or desirable with respect to local hydrological conditions or good hydrologic practice.

(2) They shall be offered to all water purveyors, excepting those which Plaintiff's Board of Directors determine should not over pump because such over pumping would occur in undesirable proximity to a sea water barrier project designed to forestall sea water intrusion, or within or in undesirable proximity to an area within Central Basin wherein groundwater levels are at an elevation where over pumping is under all the circumstances then undesirable.

(3) The maximum terms for the agreements shall be four months, which agreements shall commence on the same date and end on the same date (and which may be executed at any time within the four month period), unless an extension thereof is authorized by the Court, under Part IV of this judgment.

(4) They shall contain provisions that the water purveyor executing the agreement pay to the Plaintiff a

price in addition to the applicable replenishment assessment determined on the following formula. The normal price per acre-foot of Central Basin Municipal Water District's (CBMWD) treated domestic and municipal water, as "normal" price of such category of water is defined in Part C, paragraph 10 (price to be paid for Exchange Pool Water) as of the beginning of the contract term less the deductions set forth in said paragraph 10 for the administrative year in which the contract term commences. The agreement shall provide for adjustments in the first of said components for any proportional period of the contract term during which the CBMWD said normal price is changed, and if the agreement straddles two administrative years, the said deductions shall be adjusted for any proportionate deductions shall be computed prorata. Payments shall be due and payable on the principle that over extractions under the agreement are of the last water pumped in the fiscal year, and shall be payable as the agreement shall provide.

(5) They shall contain provisions that:

(a) All of such agreements (but not less than all) shall be subject to termination by Plaintiff if, in the Judgment of Plaintiff's Board of Directors, the conditions or threatened conditions upon which they

were based have abated to the extent over extractions
are no longer considered necessary; and (b) that any
individual agreement or agreements may be terminated if
the Plaintiff's Board of Directors finds that adverse
hydrologic circumstances have developed as a result of
over extractions by any water purveyor or purveyors
which have executed said agreements, or for any other
reason that Plaintiff's Board of Directors finds good
and sufficient.

(c) Other matters applicable to such agreements and
over pumping thereunder are as follows; without need for express
provisions in the agreements;

(1) The quantity of over pumping permitted shall be
additional to that which the water purveyor could
otherwise over pump under this Judgment.

(2) The total quantity of permitted over pumping under
all said agreements during said four months shall not
exceed Seventeen thousand (17,000) acre feet, but the
individual water purveyor shall not be responsible or
affected by any violation of this requirement. That
total is additional to over extractions otherwise
permitted under this Judgment.

(3) Only one four month period may be utilized by
Plaintiff in entering into such agreements, as to any
one emergency or continuation thereof declared by MWD's
Board of Directors under paragraph 6(a).

(4) Plaintiff may utilize the ex parte provisions of
Part IV of this Judgment in lieu of the authority

contained herein (which ex parte provisions are not
limited as to time, nature of relief, or terms of any
agreements), but neither Plaintiff nor any other party
shall utilize both as to any one such emergency or
continuation thereof.

(5) If any party claims it is being damaged or
threatened with damage by the over extractions by any
party to such an agreement, the first party or the
Watermaster may seek appropriate action of the Court
for termination of any such agreement upon notice of
hearing to the party complaining, to the party to said
agreement, to the plaintiff, and to any parties who
have filed a request for special notice. Any
termination shall not affect the obligation of the
party to make payments under the agreement for over
extractions which did occur thereunder.

(6) Plaintiff shall maintain separate accounting of
the proceeds from payments made pursuant to agreements
entered into under this part. Said fund shall be
utilized solely for purposes of replenishment in
replacement of waters in Central Basin and West Basin.
Plaintiff shall as soon as practicable cause replenish-
ment in Central Basin by the amounts to be overproduced
pursuant to this Paragraph 6 commencing at Page 63,
whether through spreading, injection, or in lieu
of agreements.

(7) Over extractions pursuant to the agreements shall
not be subject to the "make up" provisions of the

Judgment as amended, provided that if any party fails to make payments as required by the agreement, Plaintiff may require such "make up" under Paragraph 3, Subpart B, Part III of the Judgment (Page 62).

(8) Water Surveyor under any such agreement may, and is encouraged to enter into appropriate arrangements with customers who have water rights in Central Basin under or pursuant to this Judgment whereby the Water Surveyor will be assisted in meeting the objectives of the agreement.

(9) Nothing in this Paragraph 6 limits the exercise of the reserved jurisdiction of the court except as provided in subparagraph (c) (4) above.

7. Exemption for Extractors of Contaminated Groundwater. Any party herein may petition the Replenishment District for a Non-consumptive Water Use Permit as part of a project to remedy or ameliorate groundwater contamination. If the petition is granted as set forth in this part, the petitioner may extract the groundwater as permitted hereinafter, without the production counting against the petitioner's production rights.

(a) If the Board of the Replenishment District determines by Resolution that there is a problem of groundwater contamination that a proposed program will remedy or ameliorate that problem without the production counting against the petitioner's production rights if the water is not applied to beneficial surface use, its extractions are made in compliance with all the terms and conditions of the Board Resolution, and

the Board has determined in the Resolution either of the following:

(1) The groundwater to be extracted is unusable and cannot be economically treated or blended for use with other water.

(2) The proposed program involves extraction of usable water in the same quantity as will be returned to the underground without degradation of quality.

(b) The Resolution may provide those terms and conditions the Board deems appropriate, including, but not limited to, restrictions on the quantity of the extractions to be so exempted, limitations on time, periodic reviews, requirement of submission of test results from a Board-approved laboratory, and any other relevant terms or conditions.

(c) Upon written notice to the operator involved, the Board may rescind or modify its Resolution. The rescission or modification of the Resolution shall apply to groundwater extractions occurring more than ten days after the rescission or modification. Notice of rescission or modification shall be either mailed first class mail, postage prepaid, at least two weeks prior to the meeting of the Board at which the rescission or modification will be made to the address of record of the operator or personally delivered two weeks prior to the meeting.

(d) The Board's decision to grant, deny, modify or revoke a permit or to interrupt or stop a permitted project may be appealed to this court within thirty days of the notice thereof to the applicant and upon thirty days notice to the designees of all parties herein.

(e) The Replenishment District shall monitor and periodically inspect the project for compliance with the terms and conditions for any permit issued pursuant to these provisions.

(f) No party shall recover costs from any other party herein ~~in~~ connection with determinations made with respect to this part.

C. Exchange Pool Provisions.

(1) Definitions.

For purposes of these Exchange Pool provisions, the following words and terms have the following meanings:

(a) "Exchange Pool" is the arrangement hereinafter set forth whereby certain of the parties, ("Exchangees") may, notwithstanding the other provisions of the judgment, extract additional water from Central Basin to meet their needs, and certain other of the parties ("Exchangers"), reduce their extractions below their Allowed Pumping Allocations in order to permit such additional extractions by others.

(b) "Exchanger" is one who offers, voluntarily or otherwise, pursuant to subsequent provisions, to reduce its extractions below its Allowed Pumping Allocation in order to permit such additional extractions by others.

(c) "Exchangee" is one who requests permission to extract additional water from Central Basin.

(d) "Undue hardship" means unusual and severe economic or operational hardship, other than that arising (i) by reason of any differential in quality that might exist between water extracted from Central Basin and water available for importation

or (ii) by reason of any difference in cost to a party in subscribing to the Exchange Pool and reducing its extractions of water from Central Basin in an equivalent amount as opposed to extracting any such quantity itself.

2. Parties Who May Purchase Water Through the Exchange

Pool. Any party not having existing facilities for the taking of imported water as of the beginning of any Administrative year, and any party having such facilities as of the beginning of any Administrative year who is unable, without undue hardship, to obtain, take, and put to beneficial use, through its distribution system or systems existing as of the beginning of the particular Administrative year, imported water in a quantity which, when added to its Allowed Pumping Allocation for that particular Administrative year, will meet its estimated needs for that particular Administrative year, may purchase water from the Exchange Pool, subject to the limitations contained in this Subpart C of this Part III (Subpart "C" hereinafter).

3. Procedure for Purchasing Exchange Pool Water. Not later than the 40th day following the commencement of each Administrative year, each such party desiring to purchase water from the Exchange Pool shall file with the Watermaster a request to so purchase, setting forth the amount of water in acre feet that such party estimates that it will require during the then current Administrative year in excess of the total of:

(a) Its Allowed Pumping Allocation for that particular Administrative year; and
(b) The imported water, if any, which it estimates it will be able, without undue hardship, to obtain, take and put to

1 beneficial use, through its distribution system or systems
2 existing as of the beginning of that particular Administrative
3 year.

4 Any party who as of the beginning of any Administrative
5 year has existing facilities for the taking of imported water and
6 who makes a request to purchase from the Exchange Pool must
7 provide with such request substantiating data and other proof
8 which, together with any further data and other proof requested
9 by the Watermaster, establishes that such party is unable without
10 undue hardship, to obtain, take and put to beneficial use through
11 its said distribution system or systems a sufficient quantity of
12 imported water which, when added to its said Allowed Pumping
13 Allocation for the particular Administrative Year, will meet its
14 estimated needs. As to any such party, the Watermaster shall
15 make a determination whether the party has so established such
16 inability, which determination shall be subject to review by the
17 court under the procedure set forth in Part II of this judgment.
18 Any party making a request to purchase from the Exchange Pool
19 shall either furnish such substantiating data and other proof, or
20 a statement that such party had no existing facilities for the
21 taking of imported water as of the beginning of that
22 Administrative year, and in either event a statement of the basis
23 for the quantity requested to be purchased.

24 4. Subscriptions to Exchange Pool.

25 (a) Required Subscription. Each party having existing
26 facilities for the taking of imported water as of the beginning
27 of any Administrative year hereby subscribed to the Exchange Pool
28 for purposes of meeting Category (a) requests thereon, as more

1 particularly defined in paragraph 5 of this Subpart C, twenty
2 percent (20%) of its Allowed Pumping Allocation, or the quantity
3 of imported water which it is able, without undue hardship, to
4 obtain, take and put to beneficial use through its distribution
5 system or systems existing as of the beginning of the particular
6 Administrative year in addition to such party's own estimated
7 needs for imported water during that water year, whichever is the
8 lesser. A party's subscription under this subparagraph (a) and
9 subparagraph (b) of this paragraph 4 is sometimes hereinafter
10 referred to as a 'required subscription'.

11 (b) Report to Watermaster by Parties with Connections
12 and Unable to Subscribe 20%. Any party having existing
13 facilities for the taking of imported water and estimating that
14 it will be unable, without undue hardship, in that Administrative
15 year to obtain, take and put to beneficial use through its
16 distribution system or systems existing as of the beginning of
17 that Administrative year, sufficient imported water to further
18 reduce its extractions from the Central Basin by twenty percent
19 (20%) of its Allowed Pumping Allocation for purposes of providing
20 water to the Exchange Pool must furnish not later than the 40th
21 day following the commencement of such Administrative year sub-
22 tantiating data and other proof which, together with any further
23 data and other proof requested by the Watermaster, establishes
24 said inability or such party shall be deemed to have subscribed
25 twenty percent (20%) of its Allowed Pumping Allocation for the
26 purpose of providing water to the Exchange Pool. As to any such
27 party so contending such inability, the Watermaster shall make a
28 determination whether the party has so established such

inability, which determination shall be subject to review by the Court under the procedure set forth in Part II of this judgment.

(c) Voluntary Subscriptions. Any party, whether or not having facilities for the taking of imported water, who desires to subscribe to the Exchange Pool a quantity or further quantity of its Allowed Pumping Allocation, may so notify the Watermaster in writing of the quantity of such offer on or prior to the 40th day following the commencement of the particular Administrative year. Such subscriptions are referred to hereinafter as "voluntary subscriptions." Any Exchangor who desires that any part of its otherwise required subscription not needed to fill Category (a) requests shall be available for Category (b) requests may so notify the Watermaster in writing on or prior to said 40th day. If all of that Exchangor's otherwise required subscription is not needed in order to fill Category (a) requests, the remainder of such required subscription not so used, or such part thereof as such Exchangor may designate, shall be deemed to be a voluntary subscription.

5. Limitations on Purchases of Exchange Pool Water and Allocation of Requests to Purchase Exchange Pool Water Among Exchangors.

(a) Categories of Requests. Two categories of Exchange Pool requests are established as follows:

(1) Category (a) requests. The quantity requested by each Exchangor, whether or not that Exchangor has an Allowed Pumping Allocation, which quantity is not in excess of 150% of its Allowed Pumping Allocation, if any, or 100 acre feet, whichever is greater. Requests or portions thereof within the

above criteria are sometimes hereinafter referred to as "Category (a) requests."

(2) Category (b) requests. The quantity requested by each Exchangor having an Allowed Pumping Allocation to the extent the request is in excess of 150% of that Allowed Pumping Allocation or 100 acre feet, whichever is greater, and the quantity requested by each Exchangor having no Allowed Pumping Allocation to the extent the request is in excess of 100 acre feet.

Portions of requests within the above criteria are sometimes referred to as "Category (b) requests."

(b) Filling of Category (a) Requests. All Exchange Pool subscriptions, required and voluntary, shall be available to fill Category (a) requests. Category (a) requests shall be filled first from voluntary subscriptions, and if voluntary subscriptions should be insufficient to fill all Category (a) requests required subscriptions shall be then utilized to fill Category (a) requests. All Category (a) requests shall be first filled before any Category (b) requests are filled.

(c) Filling of Category (b) Requests. To the extent that voluntary subscriptions have not been utilized in filling Category (a) requests, Category (b) requests shall be filled only out of any remaining voluntary subscriptions. Required subscriptions will then be utilized for the filling of any remaining Category (b) requests.

(d) Allocation of Requests to Subscriptions When Available Subscriptions Exceed Requests. In the event the quantity of subscriptions available for any category of requests exceeds those requests in that category, or exceeds the remainder

of those requests in that category, such requests shall be filled out of such subscriptions proportionately in relation to the quantity of each subscription.

(e) Allocation of Subscriptions to Category (b).

Requests in the Event of Shortage of Subscriptions. In the event available subscriptions are insufficient to meet Category (b) requests, available subscriptions shall be allocated to each request in the proportion that the particular request bears to the total requests of the particular category.

6. Additional Voluntary Subscriptions. If subscriptions available to meet the requests of Exchangees are insufficient to meet all requests, additional voluntary subscriptions may be solicited and received from parties by the Watermaster. Such additional subscriptions shall be allocated first to category (a) requests to the extent unfilled, and next to category (b) requests to the extent unfilled. All allocations are to be otherwise in the same manner as earlier provided in paragraph 5 (a) through 5 (e) inclusive.

7. Effect if Category (a) Requests Exceed Available Subscriptions, Both Required and Voluntary. In the event that the quantity of subscriptions available to fill Category (a) requests is less than the total quantity of such requests, the Exchangees may, nonetheless, extract the full amount of their Category (a) requests otherwise approved by the Watermaster as if sufficient subscriptions were available. The amounts received by the Watermaster on account of that portion of the approved requests in excess of the total quantities available from Exchangeors shall either be paid by the Watermaster to Central &

West Basin Water Replenishment District in trust for the purpose of purchasing imported water and spreading the same in Central Basin for replenishment thereof, or credited to an account of said Plaintiff District on the books of the Watermaster, at the option of said Plaintiff District. Thereafter said Plaintiff District may, at any time, withdraw said funds or any part thereof so credited in trust for the aforesaid purpose, or may by the 40th day of any Administrative Year notify the Watermaster that it desires all or any portion of said funds to be expended by the Watermaster for the purchase of water available from subscriptions by Exchangeors in the event the total quantity of such subscriptions exceeds the total quantity of approved requests by parties to purchase Exchange Pool water. To the extent that there is such an excess of available subscriptions over requests and to the extent that the existing credit in favor of Plaintiff District is sufficient to purchase such excess quantity at the price established for Exchange Pool purchases during that Adminstrative Year, the account of the Plaintiff District shall be debited and the money shall be paid to the Exchangeors in the same manner as if another party had made such purchase as an Exchangee. The Plaintiff District shall not extract any such Exchange Pool water so purchased.

8. Additional Pumping by Exchangees Pursuant to Exchange Pool Provisions. An Exchangee may extract from Central Basin in addition to its Allowed Pumping Allocation for a particular Adminstrative Year that quantity of water which it has requested to purchase from the Exchange Pool during that Adminstrative Year and which has been allocated to it pursuant

1 to the provisions of paragraphs 5, 6 and 7. The first pumping by
2 an Exchangee in any Administrative year shall be deemed to be
3 pumping of the party's allocation of Exchange Pool water.

4 9. Reduction in Pumping by Exchangors. Each Exchangor
5 shall in each Administrative year reduce its extractions of water
6 from Central Basin below its Allowed Pumping Allocation for the
7 particular year in a quantity equal to the quantity of Exchange
8 Pool requests allocated to it pursuant to the provisions of
9 paragraphs 4, 5, 6 and 7 of this Subpart C.

10 10. Price to be Paid for Exchange Pool Water. The
11 price to be paid by Exchangors and to be paid to Exchangors per
12 acre foot for required and voluntary subscriptions of Exchangors
13 utilized to fill requests on the Exchange Pool by Exchangees
14 shall be the dollar amount computed as follows by the Watermaster
15 for each Administrative year. The "normal" price as of the
16 beginning of the Administrative year charged by Central Basin
17 Municipal Water District (CBMWD) for treated MWD (Metropolitan
18 Water District of Southern California) water used for domestic
19 and municipal purposes shall be determined, and if on that date
20 there are any changes scheduled during that Administrative year
21 in CBMWD's "normal" price for such category of water, the
22 weighted daily "normal" CBMWD price shall be determined and used
23 in lieu of the beginning such price; and there shall be deducted
24 from such beginning or weighted price, as the case may be, the
25 "incremental cost of pumping water in Central Basin" at the
26 beginning of the Administrative year and any then current rate or
27 rates, of assessments levied on the pumping of ground water in
28 Central Basin by Plaintiff District and any other governmental

1 agency. The "normal" price charged by CBMWD shall be the highest
2 price of CBMWD for normal service excluding any surcharge or
3 higher rate for emergency deliveries or otherwise failing to
4 comply with CBMWD rates and regulations relating to earlier
5 deliveries. The "incremental cost of pumping water in Central
6 Basin" as of the beginning of the Administrative year shall be
7 deemed to be the Southern California Edison Company Schedule No.
8 PA-1 rate per kilowatt-hour, including all adjustments and all
9 uniform authorized additions to the basic rate, multiplied by 560
10 kilowatt-hours per acre-foot, rounded to the nearest dollar
11 (which number of kilowatt-hours has been determined to represent
12 the average energy consumption to pump an acre-foot of water in
13 Central Basin). In applying said PA-1 rate the charge per
14 kilowatt-hour under the schedule shall be employed and if there
15 are any rate blocks then the last rate block shall be employed.
16 Should a change occur in Edison schedule designations, the
17 Watermaster shall employ that applicable to motors used for
18 pumping water by municipal utilities.

19 11. Carry-over of Exchange Pool Purchases by
20 Exchangees. An Exchangee who does not extract from Central Basin
21 in a particular Administrative year a quantity of water equal to
22 the total of (a) its Allowed Pumping Allocation for that
23 particular Administrative year, reduced by any authorized amount
24 of carry-over into the next succeeding Administrative year
25 pursuant to the provisions of Subpart A of Part III of this
26 judgment, and (b) the quantity that it purchased from the
27 Exchange Pool for that particular Administrative Year, may carry
28 over into the next succeeding Administrative year the right to

1 extract from Central Basin a quantity equal to the difference
2 between said total and the quantity actually extracted in that
3 Administrative year, but not exceeding the quantity purchased
4 from the Exchange Pool for that Administrative year. Any such
5 carry-over shall be in addition to that provided in said Subpart
6 A of Part III.

If the 'Basinwide Average Exchange Pool Price' in
the next succeeding Administrative Year exceeds the 'Exchange
Pool Price' in the previous Administrative year any such
Exchange exercising such carry-over rights hereinabove provided
shall pay to the Watermaster, forthwith upon the determination of
the 'Exchange Pool Price' in said succeeding Administrative Year,
and as a condition to such carry-over rights, an additional
amount determined by multiplying the number of acre feet of
carry-over by the difference in 'Exchange Pool Price' as between
the two Administrative years. Such additional payment shall be
miscellaneous income to the Watermaster which shall be applied by
him against that share of the Watermaster's budget to be paid by
the parties to this Agreement for the second Administrative Year
succeeding that in which the Exchange Pool water was so
purchased.

12. Notification by Watermaster to Exchangors and
Exchanges of Exchange Pool Requests and Allocations Thereof and
Price of Exchange Pool Water. Not later than the 65th day after
the commencement of each Administrative year, the Watermaster
shall determine and notify all Exchangors and Exchanges of the
total of the allocated requests for Exchange Pool water and shall
provide a schedule divided into categories of requests showing

1 the quantity allocated to each Exchangee and a schedule of the
2 allocation of the total Exchange Pool requirements among the
3 Exchangors. Such notification shall also advise Exchangors and
4 Exchangees of the prices to be paid to Exchangors for
subscriptions utilized and the Exchange Pool Price for that
5 Administrative year as determined by the Watermaster. The
6 determinations of the Watermaster in this regard shall be subject
7 to review by the Court in accordance with the procedure set forth
8 in Part II of this judgment.

13. Payment by Exchangees. Each Exchangee shall, on
or prior to last day of the third month of each Administrative
Year, pay to the Watermaster one-quarter of said price per acre-
foot multiplied by the number of acre feet of such party's
approved request and shall, on or before the last day of each of
the next succeeding three months, pay a like sum to the
Watermaster. Such amounts must be paid by each Exchangee
regardless of whether or not it in fact extracts or uses any of
the water it has requested to purchase from the Exchange Pool.

14. Payments to Exchangors. As soon as possible after
receipt of moneys from Exchangees, the Watermaster shall remit to
the Exchangors their prorata portions of the amount so received
in accordance with the provisions of paragraph 10 above.

15. Delinquent Payments. Any amounts not paid on or
prior to any due date above shall carry interest at the rate of
1% per month or any part of a month. Any amounts required to be
so paid may be enforced by the equitable powers of the Court,
including, but not limited to, the injunctive process of the
Court. In addition thereto, the Watermaster, as Trustee for the

1 Exchangors, may enforce such payment by any appropriate legal
2 action, and shall be entitled to recover as additional damages
3 reasonable attorneys' fees incurred in connection therewith. If
4 any Exchangee shall fail to make any payments required of it on
5 or before 30 days after the last payment is due, including any
6 accrued interest, said party shall thenceforward not be entitled
7 to purchase water from the Exchange Pool in any succeeding
8 Administrative year except upon order of the Court, upon such
9 conditions as the Court may impose.

10 IV. CONTINUING JURISDICTION OF THE COURT.

11 The Court hereby reserves continuing jurisdiction and
12 upon application of any interested party, or upon its own motion,
13 may review and redetermine the following matters and any matters
14 incident thereto:

15 (a) Its determination of the permissible level of
16 extractions from Central Basin in relation to achieving a
17 balanced basin and an economic utilization of Central Basin for
18 ground water storage, taking into account any then anticipated
19 artificial replenishment of Central Basin by governmental
20 agencies for the purpose of alleviating what would otherwise be
21 annual overdrafts upon Central Basin and all other relevant
22 factors.

23 (b) Whether in accordance with applicable law any
24 party has lost all or any portion of his rights to extract ground
25 water from Central Basin and, if so, to ratably adjust the
26 Allowed Pumping Allocations of the other parties and ratably
27 thereto any remaining Allowed Pumping Allocation of such party.

1 (c) To remove any Watermaster appointed from time to
2 time and appoint a new Watermaster; and to review and revise the
3 duties, powers and responsibilities of the Watermaster and to
4 make such other and further provisions and orders of the Court
5 that may be necessary or desirable for the adequate adminis-
6 tration and enforcement of the judgment.
7 (d) To revise the price to be paid by Exchangees and
8 to Exchangeors for Exchange Pool purchases and subscriptions.
9 (e) In case of emergency or necessity, to permit
10 extractions from Central Basin for such periods as the Court may
11 determine: (i) ratably in excess of the Allowed Pumping
12 Allocations of the parties; or (ii) on a non-ratable basis by
13 certain parties if either compensation or other equitable
14 adjustment for the benefit of the other parties is provided.
15 Such overextractions may be permitted not only for emergency and
16 necessity arising within Central Basin area, but to assist the
17 remainder of the areas within the Metropolitan Water District of
18 Southern California in the event of temporary shortage or
19 threatened temporary shortage of its imported water supply, or
20 temporary inability to deliver the same throughout its area, but
21 only if the court is reasonably satisfied that no party will be
22 irreparably damaged thereby. Increased energy cost for pumping
23 shall not be deemed irreparable damage. Provided, however, that
24 the provisions of this subparagraph will apply only if the
25 temporary shortage, threatened temporary shortage, or temporary
26 inability to deliver was either not reasonably avoidable by the
27 Metropolitan Water District, or if reasonably avoidable, good
28 reason existed for not taking the steps necessary to avoid it.

(f) To review actions of the Watermaster.

(g) To assist the remainder of the areas within The Metropolitan Water District of Southern California within the parameter set forth in subparagraph (e) above.

(h) To provide for such other matters as are not contemplated by the judgment and which might occur in the future and which if not provided for would defeat any or all of the purposes of this judgment to assure a balanced Central Basin subject to the requirements of Central Basin Area for water required for its needs, growth and development.

The exercise of such continuing jurisdiction shall be after 30 days notice to the parties, with the exception of the exercise of such continuing jurisdiction in relation to subparagraphs (e) and (g) above, which may be ex parte, in which event the matter shall be forthwith reviewed either upon the Court's own motion or the motion of any party upon which 30 days notice shall be so given. Within ten (10) days of obtaining any ex parte order, the party so obtaining the same shall mail notice thereof to the other parties. If any other party desires Court review thereof, the party obtaining the ex parte order shall bear the reasonable expenses of mailing notice of the proceedings, or may in lieu thereof undertake the mailing. Any contrary or modified decision upon such review shall not prejudice any party who relied on said ex parte order.

1 indicated in the listing of the rights of the parties at pages 12
2 through 52 of this judgment, or in Appendix "2" hereof.
3 2. Assignment, Transfer, Etc., of Rights. Subject to
4 the other provision of this judgment, and any rules and
5 regulations of the Watermaster requiring reports relative
6 thereto, nothing herein contained shall be deemed to prevent any
7 party hereto from assigning, transferring, licensing or leasing
8 all or any portion of such water rights as it may have with the
9 same force and effect as would otherwise be permissible under
10 applicable rules of law as exist from time to time.
11
12 3. Service Upon and Delivery to Parties of Various
13 Papers. Service of the judgment on those parties who have
14 executed that certain Stipulation and Agreement for Judgment or
15 who have filed a notice of election to be bound by the Exchange
16 pool provisions shall be made by first class mail, postage
17 prepaid, addressed to the designee and at the address designated
18 for that purpose in the executed and filed Counterpart of the
19 Stipulation and Agreement for Judgment or in the executed and
20 filed "Notice of Election to be Bound by Exchange Pool
21 provisions", as the case may be, or in any substitute designation
22 filed with the Court.
23
24 Each party who has not heretofore made such a
25 designation shall, within 30 days after the judgment shall have
26 been served upon that party, file with the Court, with proof of
27 service of a copy upon the Watermaster, a written designation of
the person to whom and the address at which all future notices,
determinations, requests, demands, objections, reports and other

9. Intervention of Successors in Interest and New
10. Parties. Any person who is not a party (including but not
11. limited to successors or parties who are bound by this judgment)
12. and who proposes to produce water from the basin or exercise
13. water rights of a predecessor may seek to become a party to this
14. Judgment through a Stipulation in Intervention entered into with
15. the Plaintiff. Plaintiff may execute said Stipulation on behalf
16. of the other parties herein, but such Stipulation shall not
17. preclude a party from opposing such intervention at the time of
18. the court hearing thereon. Said Stipulation for Intervention
19. must thereupon be filed with the Court, which will consider an
20. order confirming said intervention following thirty (30) days
21. notice to the parties. Thereafter, if approved by the Court,
22. such intervenor shall be a party bound by this Judgment and
23. entitled to the rights and privileges accorded under the physical
24. solution herein.
25. 10. Effect of this Amended Judgment on Orders Filed
26. Herein. This Second Amended Judgment shall not abrogate such
27. rights of additional carry-over of unused water rights as may
28. otherwise exist pursuant to orders herein filed June 2, 1977 and
29. September 29, 1977.
30. THE CLERK WILL ENTER THIS SECOND AMENDED JUDGMENT FORTHWITH
31. DATED: May 6, 1991
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APPENDIX L

LACSD RECYCLED WATER TREATMENT AND DISCHARGE QUANTITIES

RECYCLED WATER – WASTEWATER COLLECTION AND TREATMENT

Type of Wastewater	2004-05	2009-10 ⁽¹⁾	2014-15 ⁽²⁾	2019-20 ⁽²⁾	2024-25 ⁽²⁾	2029-30 ⁽²⁾
<u>San Jose Creek Water Reclamation Plant</u>						
Wastewater Collected and Treated	90,886	79,615	85,000	85,000	85,000	85,000
Volume that Meets Recycled Water Standards	90,886	79,615	85,000	85,000	85,000	85,000
<u>Whittier Narrows Water Reclamation Plant</u>						
Wastewater Collected and Treated	8,555	6,769	8,000	8,000	8,000	8,000
Volume that Meets Recycled Water Standards	8,555	6,769	8,000	8,000	8,000	8,000

⁽¹⁾ 2009-10 is represented by fiscal year 2008-09.

⁽²⁾ Projected – based on average of 2004-05 and 2009-10.

Source: Sanitation Districts of Los Angeles County's fiscal year "Status Report on Recycled Water."

RECYCLED WATER – NON-RECYCLED WASTEWATER DISPOSAL

Method of Disposal	Treatment Level	Volume (acre-feet)				
		2004-05	2009-10 ⁽¹⁾	2014-15 ⁽²⁾	2019-20 ⁽²⁾	2024-25 ⁽²⁾
San Jose Creek Water Reclamation Plant Discharge to San Gabriel River	Disinfected Tertiary	66,378	50,223	58,000	58,000	58,000
Whittier Narrows Water Reclamation Plant Discharge to San Gabriel River	Disinfected Tertiary	1,784	156	1,000	1,000	1,000

⁽¹⁾ 2009-10 is represented by fiscal year 2008-09.

⁽²⁾ Projected – based on average of 2004-05 and 2009-10.

Source: Sanitation Districts of Los Angeles County's fiscal year "Status Report on Recycled Water."

APPENDIX M

CPUC RULE NO. 14.1

Cal P.U.C Sheet No.

Canceling _____

Cal P.U.C Sheet No.

RULE NO. 14.1

MANDATORY WATER CONSERVATION AND RATIONING PLANGENERAL INFORMATION

If water supplies are projected to be insufficient to meet normal customer demand, the utility may elect to implement voluntary conservation using the portion of this plan set forth in Section A of this Rule after notifying the Commission's Water Utilities Branch of its intent. If in the opinion of the utility more stringent water conservation measures are required, the utility shall request Commission authorization to implement the mandatory conservation and rationing measures set forth in Section B.

The Commission shall authorize mandatory conservation and rationing by approving Tariff SCHEDULE NO. 14.1, MANDATORY WATER CONSERVATION AND RATIONING. When Tariff Schedule No. 14.1 has expired or is not in effect, mandatory conservation and rationing measures will not be in force. Tariff Schedule No. 14.1 will set forth water use allocations, excess water use penalties, charges for removal of flow restrictors, and the period during which mandatory conservation and rationing measures will be in effect.

When Tariff Schedule No. 14.1 is in effect and the utility determines that water supplies are again sufficient to meet normal demands and mandatory conservation and rationing measures are no longer necessary, the utility shall seek Commission approval to rescind Tariff Schedule No. 14.1 to discontinue rationing.

In the event of a water supply shortage requiring a voluntary or mandatory program, the utility shall make available to its customers water conservation kits as required by Rule No. 20. The utility shall notify all customers of the availability of conservation kits.

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RULE NO. 14.1
(continued)

A. CONSERVATION - NONESSENTIAL OR UNAUTHORIZED WATER USE

No customer shall use utility-supplied water for nonessential or unauthorized uses as defined below:

1. Use of water through any connection when the utility has notified the customer in writing to repair a broken or defective plumbing, sprinkler, watering or irrigation system and the customer has failed to make such repairs within 5 days after receipt of such notice.
2. Use of water which results in flooding or run-off in gutters, waterways, patios, driveways, or streets.
3. Use of water for washing aircraft, cars, buses, boats, trailers or other vehicles without a positive shutoff nozzle on the outlet end of the hose, except for the washing of vehicles at commercial or fleet vehicle washing facilities operated at fixed locations where equipment using water is properly maintained to avoid wasteful use.
4. Use of water through a hose for washing buildings, structures, sidewalks, walkways, driveways, patios, parking lots, tennis courts, or other hard-surfaced areas in a manner which results in excessive run-off or waste.
5. Use of water for watering streets with trucks, except for initial wash-down for construction purposes (if street sweeping is not feasible), or to protect the health and safety of the public.
6. Use of water for construction purposes, such as consolidation of backfill, dust control, or other uses unless no other source of water or other method can be used.
7. Use of water for more than minimal landscaping in connection with any new construction.

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RULE NO. 14.1
(continued)

- A. 8. Use of water for outside plants, lawn, landscape and turf areas more often than every other day, with even numbered addresses watering on even numbered days of the month and odd numbered addresses watering on the odd numbered days of the month, except that this provision shall not apply to commercial nurseries, golf courses and other water-dependent industries.
- 9. Use of water for outside plants, lawn, landscape and turf areas during certain hours if and when specified in Tariff Schedule No. 14.1 when the schedule is in effect.
- 10. Use of water for watering outside plants and turf areas using a hand held hose without a positive shut-off valve.
- 11. Use of water for decorative fountains or the filling or topping off of decorative lakes or ponds. Exceptions are made for those decorative fountains, lakes, or ponds which utilize recycled water.
- 12. Use of water for the filling or refilling of swimming pools.
- 13. Service of water by any restaurant except upon the request of a patron.

B. RATIONING OF WATER USAGE

In the event the conservation measures required by Section A are insufficient to control the water shortage, the utility shall, upon Commission approval, impose mandatory conservation and rationing. The water allocated for each customer, the time period during which rationing shall be in effect, and any additional conditions, will be set forth in Tariff Schedule No. 14.1, which shall be filed for this purpose at the time such rationing is approved by the Commission.

Before rationing is authorized by the Commission the utility shall hold public meetings and take all other applicable steps required by Sections 350 through 358 of the California Water Code.

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RULE NO. 14.1
(continued)

C. ENFORCEMENT OF MANDATORY CONSERVATION AND RATIONING

1. The water use restrictions of the conservation program in Section A of this rule become mandatory when the rationing program goes into effect. These restrictions are applicable whether or not the customer exceeds the monthly water allocation.
2. Upon inception of the mandatory provisions of this Rule the utility may, after one verbal and two written warnings, install a flow-restricting device on the service line of any premises where utility personnel observe water being used for any nonessential or unauthorized use as defined in Section A.
3. A flow restrictor shall not restrict water delivery by greater than 50% of normal flow and shall provide the premises with a minimum of 6 Ccf/month. The restrictor may be removed only by the utility, after a three-day period has elapsed, and upon payment of the appropriate removal charge as set forth in Tariff Schedule No. 14.1.
4. After the removal of a restricting device, if any nonessential or unauthorized use of water continues, the utility may install another flow-restricting device. This device shall remain in place until rationing is no longer in effect and until the appropriate charge for removal has been paid to the utility.
5. Each customer's water allocation shall be shown on the water bill. Water allocations may be appealed in writing as provided in Section D of this Rule. If a customer uses water in excess of the allocated amount, the utility may charge the excess usage penalty shown in Tariff Schedule No. 14.1.
6. Any monies collected by the utility through excess usage penalties shall not be accounted for as income, but shall be accumulated by the utility in a separate account for disposition as directed or authorized from time to time by the Commission.
7. The charge for removal of a flow-restricting device shall be in accordance with Tariff Schedule No. 14.1.

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RULE NO. 14.1
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D. APPEAL PROCEDURE

Any customer who seeks a variance from any of the provisions of this mandatory water conservation and rationing plan or a change in water allocation shall notify the utility in writing, explaining in detail the reasons for such a variation. The utility shall respond to each such request.

Any customer not satisfied with the utility's response may file an appeal with the staff of the Commission. The customer and the utility will be notified of the disposition of such appeal by letter from the Executive Director of the Commission.

If the customer disagrees with such disposition, the customer shall have the right to file a formal complaint with the Commission. Except as set forth in this Section, no person shall have any right or claim in law or in equity, against the utility because of, or as a result of, any matter or thing done or threatened to be done pursuant to the provisions of this mandatory water conservation and rationing plan.

E. PUBLICITY

In the event the utility finds it necessary to implement this plan, it shall notify customers and hold public hearings concerning the water supply situation, in accordance with Chapter 3, Water Shortage Emergencies, Sections 350 through 358, of the California Water Code. The utility shall also provide each customer with a copy of this plan by means of billing inserts or special mailings; notifications shall take place prior to imposing any fines associated with this plan. In addition, the utility shall provide customers with periodic updates regarding its water supply status and the results of customers' conservation efforts. Updates may be by bill insert, special mailing, poster, flyer, newspaper, television or radio spot/advertisement, community bulletin board, or other appropriate method(s).

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APPENDIX N

WATER CONSERVATION ACTIVITIES

CONSERVATION ACTIVITIES

General Information

San Gabriel Valley Water Company serves over 48,000 customer connections in its Los Angeles County division. We proudly serve the communities of: Arcadia, Baldwin Park, El Monte, Industry, Irwindale, La Puente, Montebello, Monterey Park, Pico Rivera, Rosemead, San Gabriel, Santa Fe Springs, South El Monte, West Covina, Whittier, and unincorporated portions of Los Angeles County including the communities of Bassett, Hacienda Heights, Los Nietos, North Whittier, and South San Gabriel. San Gabriel Valley Water Company operations are carried on principally from its headquarters office located at 11142 Garvey Avenue in El Monte.

San Gabriel Valley Water Company

11142 Garvey Avenue

El Monte, CA 91733

Phone: (626) 448-6183

Fax: (626) 582-1571

Website: www.sgvwater.com

Office Hours:

Monday through Friday

8:00 A.M. — 5:00 P.M.

Water Conservation

The Driving Forces Behind Water Conservation

On November 10, 2009, the Governor signed legislation enacting SBX 77, to encourage water districts and agencies to promote water conservation. Utilities are encouraged to work cooperatively on the regional and state level to achieve a reduction of 10 percent per capita water use by 2015 and 20 percent per capita water use by 2020. As part of SBX 77, the Department of Water Resources is required to work with urban retail water suppliers to develop incentives, remove barriers, and establish statewide targets for sustainable water management.

The California Public Utilities Commission's (Commission) December 2005 Water Action Plan included an outline of conservation objectives to strengthen water conservation programs to a level comparable to those of the energy utilities. The Commission directed San Gabriel Valley Water Company, and other Commission regulated water utilities, to implement tiered water conservation rates for its residential customers, effective July 1, 2010.

San Gabriel's Conservation Efforts

Water conservation measures have always been a vital part of San Gabriel's overall plan to achieve adequate, reliable, high quality, and cost-effective water supply for delivery to its customers. San Gabriel has implemented a number of water conservation measures that include: metering of all customers, residential water use surveys, water conservation tariff requirements, public information outreach, water conservation kit distribution, high efficiency toilet distribution, high efficiency clothes washer rebate, and other water saving devices; water system leak monitoring, water meter exchange programs, and recycled water service.

**SAN GABRIEL VALLEY
WATER COMPANY**

Conservation Programs/Activities

Two-Tiered Water Conservation Rates

San Gabriel Valley Water Company, worked in collaboration with the Commission on the implementation of two-tiered water conservation rates which will go into effect as July 1, 2010. This new rate structure applies to individual residential customers.

The goal is to encourage water conservation by setting a price for water that increases as water consumption goes up and gives water users an opportunity to hold down their water bills by cutting their water use. Conservation rates DO NOT INCREASE San Gabriel's overall revenue. While certain customers who use more water will pay more, those customers who use less will see lower bills. Customers may also experience higher bills in summer when landscaping requires more frequent watering, but at other times of the year will likely have lower bills because cooler temperatures require less watering.

How does the new rate structure work?

Under the new rate structure, the first 13 units (a unit is one hundred cubic feet or 748 gallons) of water used each month will be billed at the lower Tier 1 rate. The Tier 2 rate will be 15% higher per-unit than the Tier 1 rate and will apply to all water usage over 13 units.

This new rate structure will provide a financial incentive to customers to use water more efficiently. Low usage customers and those who reduce their current water usage will see an overall annual reduction in their bills, since the price for the first 13 units will be reduced. High usage customers who do not decrease their usage will see an increase in their bills.

Attachment A is San Gabriel Valley Water Company's two-tiered water conservation rate notice sent to all of San Gabriel Valley Water Company's customers.

Conservation Programs/Activities

High Efficiency Toilet (HET) —San Gabriel Valley Water Company's residential customers can receive up to \$100 rebate for a new HET.

High Efficiency Clothes Washer (HECW)—San Gabriel Valley Water Company's residential customers can receive up to \$250 rebate for a new HECW.

Regional Rebate Programs - ALL Rebate Information Can Be Found On www.bewaterwise.com

Synthetic Turf Replacement—San Gabriel Valley Water Company's residential customers can receive up to \$300 for synthetic turf replacement.

Landscape Rotating Nozzle—San Gabriel Valley Water Company's residential customers can receive \$4 rebate per nozzle.

Attachment B includes a list of various qualifying devices.

Conservation Programs/Activities

High Efficiency Toilet Distribution

On February 6, 2010, San Gabriel Valley Water Company continued its support of water conservation by co-sponsoring residential High Efficiency Toilet (HET) distribution with Upper San Gabriel Valley Municipal Water District. Out of 1,000 HETs that were given out that day, 225 HETs were given to San Gabriel Valley Water Company's customers.



**SAN GABRIEL VALLEY
WATER COMPANY**

Conservation Programs/Activities

Conservation Kit—1.5 gallon per minute (GPM) massage showerhead, 1.5 GPM dual spray kitchen aerator, and 1.0 GPM aerator.

This kit was distributed to San Gabriel Valley Water Company's customers at public outreach events such as Sanitation Districts of Los Angeles County Earth Day celebration event, Upper San Gabriel Valley Municipal Water District Water Fest, and City of El Monte Rockin' Wednesdays Summer Concert Series. Customers can pick up a kit at San Gabriel Valley Water Company's offices in El Monte, Whittier, and Industry.

Attachment C is a Map of San Gabriel Valley Water Company's service area and offices.



Low Income Rate Assistance Program

San Gabriel Valley Water Company has a low income rate assistance program. Qualifying customers can obtain an application online or in San Gabriel Valley Water Company's offices.

Attachment D is California Alternative Rates for Water (CARW) application.

Residential Water Use Surveys

San Gabriel Valley Water Company offers a free residential water use survey to assist customers who are looking for help in reducing indoor and outdoor water use.

FREE WATER SURVEY

San Gabriel Valley Water Company is offering free residential water surveys to assist customers with the evaluation of their indoor/outdoor water use practices and to offer recommendations to lower water usage. If you are interested in taking advantage of this service, please complete and return this postcard and someone will contact you. Surveys will be offered Mon.-Fri. between the hours of 8am and 5pm.

Name: _____

Address: _____

Phone Number: _____

Account Number: _____

**SAN GABRIEL VALLEY
WATER COMPANY**

Water Saving Tips.



Place 2 to 3 inches of mulch, especially organic mulch such as wood chips or compost over your plant's roots zones, moisture will stay in the soil longer and reduce weeds from growing. Mulch helps to reduce evaporation by covering the soil and keeping the temperature cooler. Keep mulch 2 to 4 inches away from the plant stems.



Use a broom to clean driveways, sidewalks, and patios. This could save you 8 to 18 gallons a minute.



Don't water on windy days when evaporation is high...this can waste up to 300 gallons in one watering.



Stop runoff and overspray from outdoor watering. Any irrigation cycle over 5 minutes may result in runoff. Re-adjust watering schedules to allow for two shorter cycles with 30 to 40 minutes in between cycles.



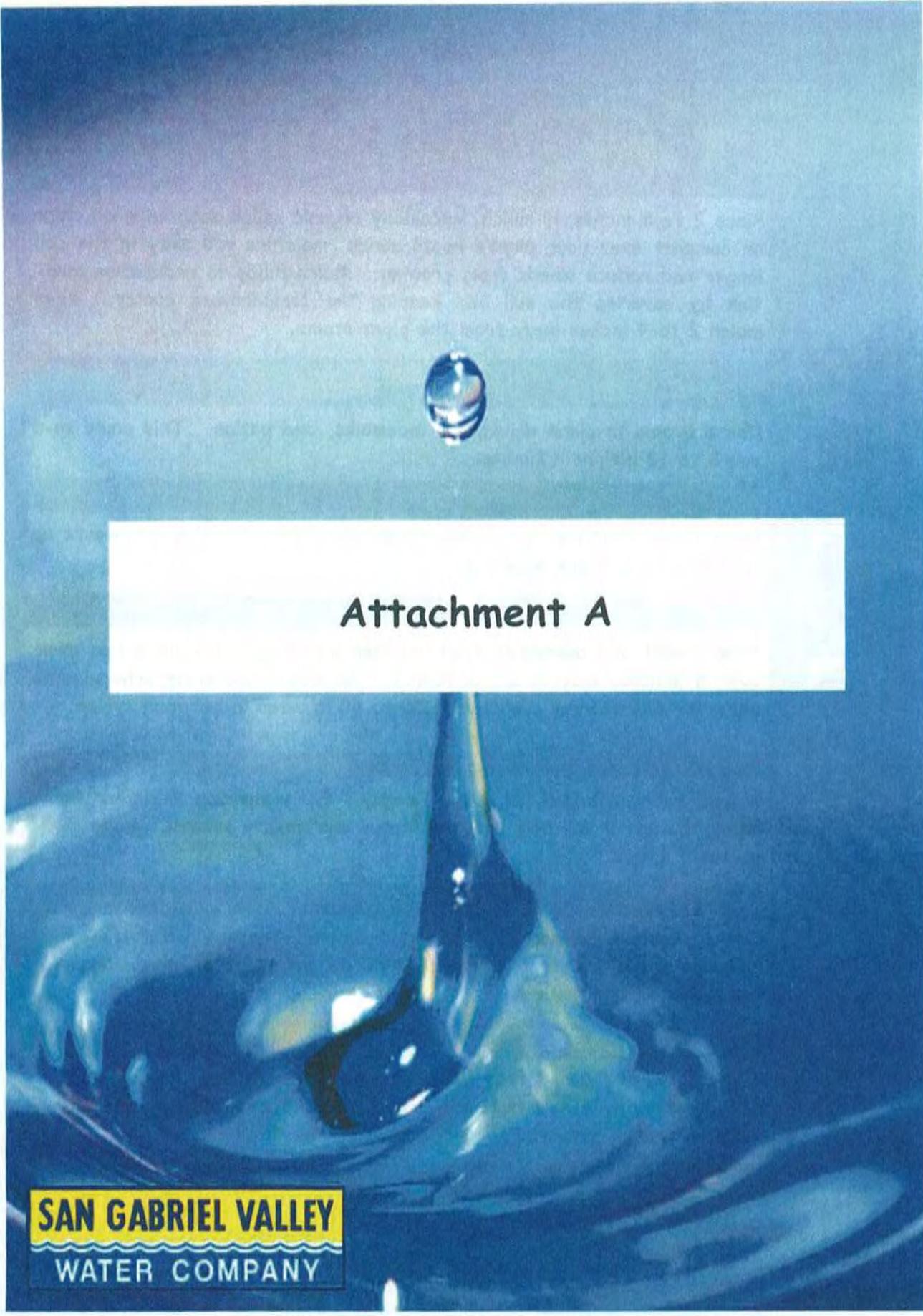
Water during the cool parts of the day. Early morning is better than evenings since it will help prevent fungus and mildew growth...saves 300 gallons a month.



Clothes washers consume 22% of indoor water. Wash only full loads of laundry. Each washing cycle uses 20-40 gallons of water, depending on the model of the machine.



Replace your old (pre 1994) water guzzling toilet (3.5 to 7 gallons per flush, gpf) with a new high efficiency toilet (1.28 gpf)...it can save over 700 gallons a month.



Attachment A

**SAN GABRIEL VALLEY
WATER COMPANY**

Two-tiered Water Conservation Rates go into effect July 1, 2010 for San Gabriel Valley Water Company's Residential Customers

Esta informacion consierne para la conservacion del uso de agua.

Traduzcalo o hable con alguien que lo entienda bien.

此份有关你的水量保存率，内有重要资料和新收费计算方法，请找他人帮你翻译。

California has suffered numerous droughts and limitations on its statewide water infrastructure in recent years and it is vital that a comprehensive effort be made to manage our existing water resources more efficiently. As part of this statewide water conservation effort, the California Public Utilities Commission directed San Gabriel Valley Water Company to implement a two-tiered water conservation rate structure for its residential customers, effective July 1, 2010. The goal is to encourage water conservation by setting a price for water that increases as water consumption goes up and to give water users an opportunity to hold down their water bills by cutting their water use.

Conservation rates DO NOT INCREASE San Gabriel's overall revenue. While certain customers who use more water will pay more, those customers who use less will see lower bills. Customers may also experience higher bills in the summer when landscaping requires more frequent watering, but at other times of the year will likely have lower bills because cooler temperatures require less water.

Under the new rate structure, the first 13 units (a unit is one hundred cubic feet or 748 gallons) of water used each month will be billed at the lower Tier 1 rate. The Tier 2 rate will be 15% higher per-unit than the Tier 1 rate and will apply to all water usage over 13 units.

Questions and Answers Regarding The New Two-Tiered Water Conservation Rate Structure.

Q: Why is San Gabriel implementing a two-tiered water conservation rate structure?

A: To encourage water conservation, the California Public Utilities Commission directed San Gabriel and other large water utilities to implement a multi-tiered conservation rate structure.

Q: How will two-tiered water conservation rates work?

A: Tier 1 will have a lower per-unit price and will apply to the first 13 units of water used per month. Tier 2 will have a per-unit price that is 15 percent higher than the Tier 1 rate and will apply to water use over 13 units.

Q: How will two-tiered water conservation rates affect me?

A: Two-tiered water conservation rates will provide a financial incentive to customers to use water more efficiently. Low usage customers and those who reduce their current water usage will see an overall annual reduction in their bills, since the price for the first 13 units will be reduced. High usage customers who do not decrease their usage will see an increase in their bills. The following table shows examples of how the new two-tiered conservation rates will affect residential customers, as of July 1, 2010.

Sample Bill Calculation for Residential Customer with 5/8 - inch meter

Old Bill Calculation – Single Tier Rate

****Rates used in this sample may be different from your actual bill rates.****

	Using 13 Units per Month	Using 30 Units Per Month
Service Charge	\$20.04	\$20.04
Quantity Rate Per Unit	\$2.0985 X 13 Units = \$27.28	\$2.0985 X 30 Units = \$62.96
Total Water Charges	= \$47.32	= \$83.00

New Bill Calculation – 2 Tier Conservation Rate

****Rates used in this sample calculation may be different from your actual bill rates.****

	Using 13 Units per Month	Using 30 Units Per Month
Service Charge	\$20.04	\$20.04
Quantity Rate, Tier 1 (up to 13 Units)	\$1.9658 X 13 Units = \$25.56	\$1.9658 X 13 Units = \$25.56
Quantity Rate, Tier 2 (over 13 Units)	\$2.2607 X 0 Units = \$ 0	\$2.2607 X 17 Units = \$38.43
Total Water Charges	= \$45.60	= \$84.03

Q: Where can I find the NEW two-tiered conservation rates on my bill?

A: Below is a sample water bill that showing the location of pertinent items used for the two-tiered water conservation rate billing calculation.

<p><u>Meter Readings, Previous and Present.</u> These two readings will allow you to calculate your own bills. The difference between the present and previous meter readings equals the quantity of water delivered to you during the billing period, measured in hundred cubic feet or one unit (One unit equals 748 gallons).</p> <p><u>Service Charge.</u> This is a monthly charge made to each customer connected to the water system. It is based on the size of your meter.</p> <p><u>Quantity Rates per 100 Cubic Feet — One Unit.</u> These are the rates at which your water usage was billed. The first 13 units of water used each month will be billed at the lower Tier 1 rate. The higher Tier 2 rate will apply to all water usage over 13 units.</p>	
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Q: Where can I get more information on how to conserve water?

A: Visit us at www.sgvwater.com and click on "Conservation/Education" link to find more information about a water audit survey and other water-saving programs or contact our customer service offices in El Monte at (626) 448-6183, in Whittier at (562) 699-1041, and in Industry at (626) 330-1628.



Attachment B

**SAN GABRIEL VALLEY
WATER COMPANY**



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

High-Efficiency Clothes Washers

Qualifying Products List -- Special Statewide Rebate Edition

June 17, 2010

Water factor (WF) indicates the number of gallons of water used per cubic foot of laundry. A lower number indicates a more water-efficient clothes washer. Model numbers in *italics* indicate that the product has been discontinued; check with your retailer for availability.

Starting April 22, 2010, the models in **BLACK** are also eligible for statewide Cash for Appliances rebates of \$100. The models in **RED** do not qualify for statewide rebates but are eligible for SoCal Water\$mart rebates.

Brand	Model	Water Factor	Brand	Model	Water Factor	Brand	Model	Water Factor
Amana	NFW7300W**	3.90	Kenmore, cont'd	4757*70+	3.70	Samsung, cont'd	WF209***	3.80
	<i>NFW7400V**</i>	4.00		4758*70+	3.70		WF210***	3.28
	W6022	3.40		4770*80+	3.40		WF218***	3.20
	W6222	3.40		4771*80+	3.40		WF219***	3.20
	WL6511	4.00		4775*80+	3.40		WF220***	3.34
	<i>WL6532XXL**</i>	3.40		4776*80+	3.40		WF229***	3.20
	WFVC3300UC	3.50		4778*70+	3.80		WF306*A*	3.90
	<i>WFVC4400UC</i>	3.50		4778*80+	3.40		WF306BHW	3.90
	WFVC5400UC	3.50		4779*70+	3.80		WF306LAW	3.90
	WFVC540SUC	3.50		4779*80+	3.40		WF316*A*	3.90
Bosch	WFVC544*UC	3.50		488**80*	3.40		WF316*N*	3.90
	WFVC6450UC	3.50		592-4905*	3.60		WF317*A*	3.90
	WFVC844*UC	3.50		592-4906*	3.30		<i>WF317*N*</i>	3.90
	Crosley CFW8000	4.00		592-4908*	3.30		WF326LAS	3.90
	DWD-WD1352**	3.4		LSWF388H**	3.20		WF326LAW	3.90
	DWD-WD1353RC	3.4		WM001H***	3.40		WF328*A*	3.70
Daewoo	DWD-WD1353SC	3.4		WM064#H*	3.50		WF328*N*	3.70
	DWD-WD1353WC	3.4		WM0742H**	3.40		WF330***	3.10
	DWD-WD31WW	3.5		WM1832C*	4.00		WF337*A*	3.60
	DWD-WD32WS	3.3		WM2000C*	3.20		WF337*N*	3.60
	DWD-WD33**	3.3		WM2010C*	3.20		WF338*A*	3.60
Electrolux	EFLS55I***	3.60		<i>WM2011H*</i>	4.00		WF338*N*	3.60
	EFLW55H***	3.60		WM2016C*	3.90		WF339*A*	3.60
	EFLW55I***	3.60		WM2020C*	3.70		WF339*N*	3.60
	EWFLS65I***	3.60		<i>WM2032H*</i>	4.00		WF340***	3.1
	EWFLW65H***	3.80		WM204*C**	3.70		WF350***	3.10
	EWFLW65I***	3.80		WM2050C*	3.40		WF407*A*	3.20
Frigidaire	BAFW3577K**	3.80		WM207HC*	3.80		WF407*N*	3.20
	DAFW3577K**	3.80		WM2101H*	3.50		WF409*A*	3.10
	FAFW3517K**	3.70		WM2150H**	3.40		WF409*N*	3.10
	FAFW3577K**	3.80		WM2233H*	3.30		WF410***	3.11
	LAFW3577K**	3.80		WM2277H*	3.60		WF419*A*	3.10
	GFWN1000L*	4.00	LG Electronics	WM2301H*	3.40		WF419*N*	3.10
General Electric	GFWN1100L*	4.00		WM2355C*	3.20		WF428*A*	3.20
	<i>WBVH5200J</i> (see footnote)	4.00		<i>WM2411H*</i>	4.00		WF428*N*	3.20
	<i>WBVH5300K</i> (see footnote)	3.80		WM244#H*	3.80		WF438*A*	3.20
	WCVH6400J	4.00		WM2455H*	3.40		WF438*N*	3.20
	WCVH6800J	4.00		WM248#H***	3.60		WF448*A*	3.20
	<i>WCVH6800K</i>	4.00		WM249#H**	3.30		WF448*N*	3.20
	WPDH8800J**	4.00		WM2501H**	3.40		WF520***	3.30
	WPDH8900J**	4.00		WM2601H*	3.40		WFW8400T*	4.00
	WPDH8910K	4.00		WM2677H*	3.60		<i>WFW8500S*</i>	4.00
	IFW7300W**	3.88		WM268#H***	3.30		WFW9050X*	3.88
Inglis	400##90#	3.60		WM2701H*	3.40		WFW9150W#*	3.80
	402##90#	3.40		WM2801H***	3.40		WFW9250W#*	3.80
	402,4903#01*	3.28		WM2901H***	3.40		WFW9300V*	3.9
	403##90#	3.40		WM3001H***	3.40		WFW9400S*	3.90
	404##90#	3.40		<i>WM3611H*</i>	4.00		WFW9400V*	3.90
	405##90#	3.40		WM3875H***	3.20		WFW9450W*	3.80
	410##90#	3.40		WM3885H***	3.20		WFW9500T*	3.60
	421##90#	3.40		WM398#H***	3.40		WFW9550W*	3.60
	4508#40+	4.00		WM3987H**	3.50		<i>WFW9600S*</i>	3.90
	4509#40+	4.00		<i>MAH9700</i>	4.00		WFW9600T*	3.70
Kenmore	4598*	4.00		MHWE200X*	3.80	Whirlpool	WFW9700V*	3.80
	4599*	4.00		MHWE250X*	3.80		WFW9750W#*	3.40
	4674*70+	3.80		MHWE400W#*	3.80		WTW5500X*	3.90
	4674*80+	3.79		MHWE450W#*	3.80		WTW5550X*	3.80
	4675*70+	3.80		MHWE500V*	3.80		WTW5600X*	4.00
	<i>4675*80+</i>	3.79		MHWE550W#*	3.60		WTW5640X*	4.00
	4708*60+	4.00		MHWE900V*	3.50		WTW5700X*	4.00
	4709*60+	4.00		MHWE950W#*	3.50		WTW7300X*	3.61
	4751*60+	4.00		MHWZ400T*	3.80		WTW7340X*	3.61
	4751*70+	4.00		MHWZ600T*	3.80		WTW7600X*	3.50
Maytag	4753*60+	4.00		MHWZ600W*	3.80		WTW7800X*	3.50
	4754*60+	4.00		WF203***	4.00		<i>WTW7900X*</i>	3.60
Samsung	4756*70+	3.70		WF206***	3.90			

The U.S. Consumer Product Safety Commission has issued a recall on all GE washer models starting with "WBVH5"

Visit the SoCal Water\$mart program website for more information about how to take advantage of the statewide Cash for Appliances rebate.

For more information, call 888-376-3314 or visit www.bewaterwise.com



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

Weather-Based Irrigation Controllers

Qualifying Products List

June 7, 2010

Only Smart Water Application Technology (SWAT)-tested WBICs qualify for SoCal Water\$mart rebates. For more information about this independent, third party performance testing protocol specific to WBICs, visit:
www.irrigation.org/SWAT/Industry/ia-tested.asp

*Please note: Add-on devices qualify only if packaged and sold as a combined unit with a preapproved controller as listed below. All controller systems must be installed with the proper weather sensor equipment according to manufacturer specifications.

Manufacturer	Model Name	Model Number
Alex-Tronix	Enercon Plus	4-24 Station
	Smart Clock	6 Station
Aqua Conserve	Aqua ET-6	ET-6
		ET-9
		ET-14
	Aqua ET-8	ET-8
Calsense	ET2000e	All models
Cyber-Rain	XCI System	-
ETwater Systems	Smart Controller	105
		205
Hunter	ICC	ICC-800PL-SSYNC (PL=Plastic)
		ICC-800M-SSYNC (M=Metal)
		ICC-800SS-SSYNC (SS=Stainless Steel)
		ICC-1600PL-SSYNC
		ICC-1600M-SSYNC
		ICC-1600SS-SSYNC
		ICC-2400PL-SSYNC
		ICC-2400M-SSYNC
		ICC-2400SS-SSYNC
		ICC-3200PL-SSYNC
		ICC-3200M-SSYNC
		ICC-3200SS-SSYNC
		ICC-4800M-SSYNC
		ICC-4800SS-SSYNC
	Pro-C Conventional	PCC-600-SSYNC
		PCC-600i-SSYNC
		PCC-900-SSYNC
		PCC-900i-SSYNC
		PCC-1200-SSYNC
		PCC-1200i-SSYNC
	Pro-C	PCC-1500-SSYNC
		PCC-1500i-SSYNC
Hydropoint	WeatherTRAK ET Plus	PC-300-SSYNC
		PC-300i-SSYNC
		WTPLS-06
		WTPLS-09
	WeatherTRAK ET Plus	WTPLS-12
		WTPLS-18
	WeatherTRAK ET Pro	WTPLS-24
Hydrosaver	WeatherTRAK ET Pro Central	-
	ETIC	ETIC 24
Irritrol	Smart Dial	SD600-EXT
		SD900-EXT
		SD1200-EXT
		SD2400-EXT
		SD600-INT
		SD900-INT
		SD1200-INT



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

Weather-Based Irrigation Controllers

Qualifying Products List

June 7, 2010

Manufacturer	Model Name	Model Number
Rain Bird	-	ESP-SMT
		ESP-LX with ET Manager Cartridge
Rain Master	RME Eagle	-
	RME Eagle-i	-
SMG Superior Controls	Sterling Series	All models
Toro	Intelli-Sense	TIS-612
		TIS-240
WaterOptimizer	-	300
Weathermatic	-	SL800
		SL1600
		SL1620
		SL1624
		SL4800

For more information, call 888-376-3314 or visit www.bewaterwise.com



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

Rotating Nozzles

Qualifying Products List

June 1, 2010

For purchases on or after June 1, 2010, a minimum of 25 nozzles must be purchased to be eligible for rebates; applications do not require the installation of matching pressure regulating devices.

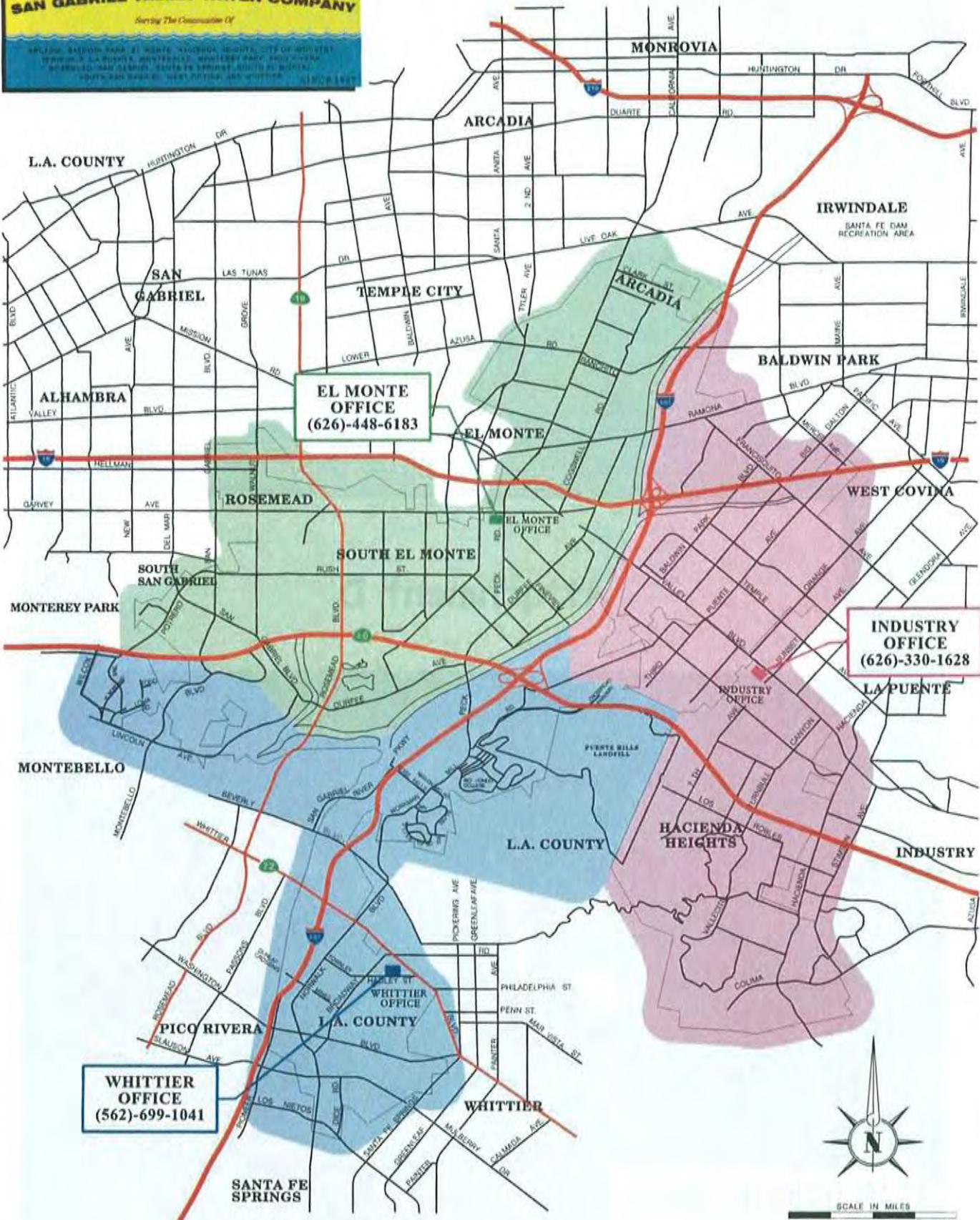
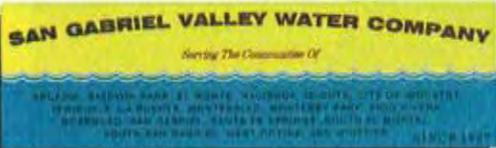
Manufacturer	Model Name	Model Number	Manufacturer	Model Name	Model Number	Manufacturer	Model Name	Model Number
Hunter	MP Rotator	MPRCSS515	Rain Bird, cont'd	Rotary Nozzle	24RNQ	Toro, cont'd	Precision	O-10-TT
		MPLCS515			O-T-5-60			O-10-TQ
		MPSS530			O-T-5-Q			O-10-F
		MPCORNER			O-T-5-T			O-T-12-60
		MP100090			O-T-5-150			O-T-12-Q
		MP1000360			O-T-5-H			O-T-12-T
		MP1000210			O-T-5-210			O-T-12-150
		MP2000210			O-T-5-TT			O-T-12-H
		MP200090			O-T-5-TQ			O-T-12-210
		MP2000360			O-T-5-F			O-T-12-TT
		MP3000210			O-5-60			O-T-12-TQ
		MP300090			O-5-Q			O-T-12-F
		MP3000360			O-5-T			O-12-60
		MPPRCSHT515			O-5-150			O-12-Q
		MPLCSHT515			O-5-H			O-12-T
		MPSSHT530			O-5-210			O-12-150
		MPCORNERHRT			O-5-TT			O-12-H
		MP1000HT90			O-5-TQ			O-12-210
		MP1000HT360			O-5-F			O-12-TT
		MP2000HT210			O-T-8-60			O-12-TQ
		MP2000HT90			O-T-8-Q			O-12-F
		MP2000HT360			O-T-8-T			O-T-15-60
		MP3000HT210			O-T-8-150			O-T-15-Q
		MP3000HT90			O-T-8-H			O-T-15-T
		MP3000HT360			O-T-8-210			O-T-15-150
Orbit	Eco-Stream Rotator Head	ES1000A	Toro	Precision	O-T-8-TT	Toro, cont'd	Precision	O-T-15-H
		ES2000A			O-T-8-TQ			O-T-15-210
		ES1000F			O-T-8-F			O-T-15-TT
		ES2000F			O-8-60			O-T-15-TQ
Rain Bird	Rotary Nozzle	R13-18F			O-8-Q			O-T-15-F
		R13-18Q			O-8-T			O-15-60
		R13-18H			O-8-150			O-15-Q
		R13-18T			O-8-H			O-15-T
		R13-18TT			O-8-210			O-15-150
		R13-18TQ			O-8-TT			O-15-H
		R17-24F			O-8-TQ			O-15-210
		R17-24Q			O-8-F			O-15-TT
		R17-24H			O-T-10-60			O-15-TQ
		R17-24T			O-T-10-Q			O-15-F
		R17-24TT			O-T-10-T			O-T-4X9-RCS
		R17-24TQ			O-T-10-150			O-T-4X9-LCS
		12SAF			O-T-10-H			O-T-4X18-SST
		12SAQ			O-T-10-210			O-T-4X15-RCS
		12SAH			O-T-10-TT			O-T-4X15-LCS
		22SAF			O-T-10-TQ			O-T-4X30-SST
		22SAQ			O-T-10-F			O-4X9-RCS
		22SAH			O-10-60			O-4X9-LCS
		18RNF			O-10-Q			O-4X18-SST
		18RNQ			O-10-T			O-4X15-RCS
		18RNH			O-10-150			O-4X15-LCS
		24RNF			O-10-H			O-4X30-SST
		24RNH			O-10-210			

For more information, call 888-376-3314 or visit www.bewaterwise.com



Attachment C

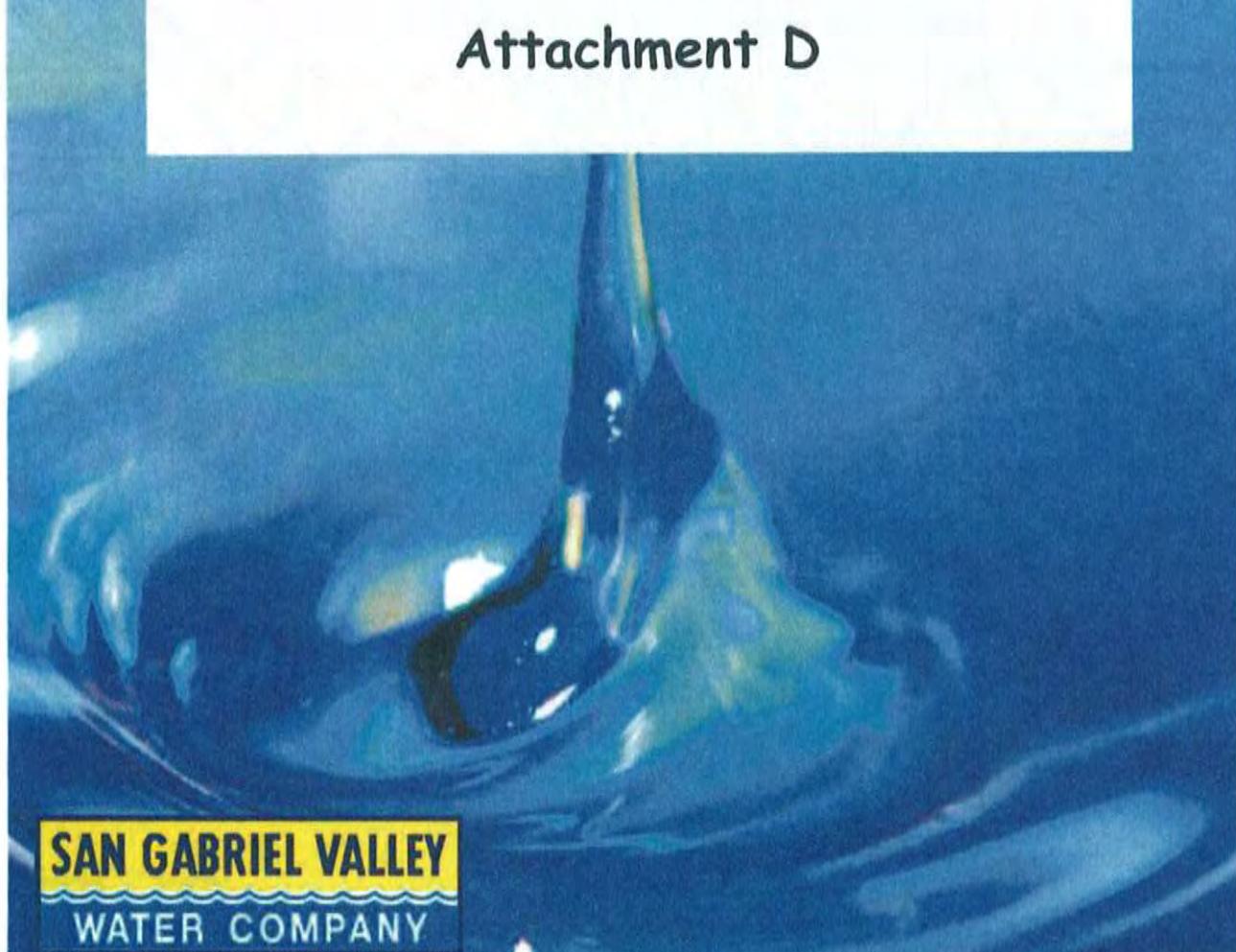
SAN GABRIEL VALLEY
WATER COMPANY



SCALE IN MILES
0 1/2 1 2



Attachment D



**SAN GABRIEL VALLEY
WATER COMPANY**

San Gabriel Valley Water Company
Los Angeles County Division
Notice and Application for
California Alternative Rates for Water (CARW) Program

If your household qualifies for a discount on your energy bill under the electric or gas CARE or telecommunications ULTS programs, you may also qualify for a discount on your water bill.

To apply for the CARW Program at your residence, please fill out this application and submit it to the water company. You may receive the discount on your next bill after the water company receives, verifies, and approves your completed and signed application. If your application and proof of eligibility is not approved, you will receive a letter from the water company explaining the reason for denial.

If you need help filling out the application, or would like more information about the program, call (626) 448-6183 or visit the local office.

INCOME REQUIREMENTS
(effective June 1, 2010)

Number of Persons Living in my Home	Total Combined Income From ALL Sources
1 or 2	\$31,300
3	\$36,800
4	\$44,400
5	\$52,000
6	\$59,600
For each additional person, add \$7,600	

WHAT ARE THE QUALIFICATIONS?

- To qualify for Schedule No. CARW I understand:
- I am a residential customer and receive water service through a 1" or smaller water meter.
 - The water utility bill is in my name.
 - I must provide verification of my household income if requested. Presentation of a utility bill (electric, gas, or telephone showing participation in their rate discount program) is acceptable verification of household income requirement.
 - I may not be claimed as a dependent on another person's tax return.
 - My total annual income cannot exceed the amount shown on the above chart. *Total income means the total combined gross household income of all persons living in my home.*
 - I must re-apply each time I move.
 - I must renew my application every two years, or sooner, if requested.
 - I must notify the utility within 30 days if I become ineligible for CARW.

I understand that for CARW "gross household income" means all money and non-cash benefits, available for living expenses, from all sources, both taxable and non-taxable, before deductions, for all people who live in my home. This includes, but is not limited to: wages, salaries, and commissions; child/spousal support; interest, dividends, or withdrawals from savings accounts, stocks and bonds, or retirement accounts such as IRA and 401K accounts; stocks; bonds; business or rental income; support from family or friends; cash gifts; loans; lottery winnings; tax refunds and money from insurance policies or legal settlements; Social Security; retirement, veterans, disability, or unemployment benefits and workers' compensation; AFDC; SSI; SSP; cash public assistance; food stamps and free housing or utilities; and school grants, loans, scholarships, or other aid. Proof of income acceptable to the utility will be provided when applying for or renewing application.

(continued)

**San Gabriel Valley Water Company
Los Angeles County Division
Notice and Application for
California Alternative Rates for Water (CARW) Program
(continued)**

APPLICATION INFORMATION (please type or print):

Applicant's Name _____

I am a residential customer of San Gabriel Valley Water Company.
San Gabriel Valley Water Company Account No. _____

Service Address _____

Mailing Address (if different from service address) _____

Telephone No. (home) _____ (work) _____

Number of People Living in Household _____

Gross Annual Income of Household _____

Declaration and Self-Certification Statement:

By signing below, I certify under penalty of perjury that this information is true and correct under the laws of the State of California. I agree to provide proof of income if asked. I agree to inform San Gabriel Valley Water Company if I no longer qualify to receive the discount. I know that if I receive a discount without qualifying for it, I may be required to pay back the discount I received.

Applicant's Signature _____ Date Signed _____

Please do not mail your payment with this application, as it will significantly delay payment processing.

Please hand deliver your completed application to the local office or mail your application to:

**San Gabriel Valley Water Company
11142 Garvey Avenue
P.O. Box 6010
El Monte, CA 91734**

FOR SAN GABRIEL VALLEY WATER COMPANY USE ONLY

Date Received: _____

Documentation Provided: _____

Date Verified: _____

Verified by: _____

Date Entered
In System: _____

APPENDIX O

SECTIONS FROM SAN GABRIEL'S CPUC TESTIMONY, MAY 2010

Application No. _____

Exhibit No. SG-4

Witness _____

Date _____

SAN GABRIEL VALLEY WATER COMPANY

PREPARED TESTIMONY OF

DANIEL ARRIGHI

Book 1 of 2

May 2010

ATTACHMENT L

San Gabriel Valley Water Company
Los Angeles County Division
2010 GRC

2010 GRC Budget - Los Angeles	
Customers	Coverage
Residential	0.05%
Commercial	21
Industrial	4,942
Public Authorities	38
other (Specify Reclaimed)	406
	17
	46,768

2010 GRC Budget

Dec-08	0.05%	1%	1.5%	2%	3%	10%
41,363	21	414	620	827	1,241	4,138
4,942	2	49	74	99	146	494
38	0	0	1	1	1	4
406	0	4	6	8	12	41
	17	0	0	0	1	2
	46,768					

GRC Test Years

Regional Program	Description	BMP CUWCC Water Forum 2007/2009	2008/2009	2009/2010	3-Year Average	Customer Base	Coverage/ WAP Level	Estimated Unit Cost	Budget	2011/2012	2012/2013	2013/2014	Notes:
Residential High Efficiency Clothes Washers (HECWS) Rebate Program	2,6	-	\$33,125	\$22,825	\$27,975	620	1,241	\$250	\$155,111	\$160,075	\$163,947	2.50% Coverage @ 1.5%	
Residential High Efficiency Toilet (HET) Rebate Program	2,14	-	-	\$3,800	\$3,800	620	1,241	\$100	\$22,045	\$64,030	\$65,567	2.40% Coverage @ 1.5%	
Landscape Rotating Nozzles	5	-	-	\$152	\$152	620	1,241	\$4	\$2,482	\$2,561	\$2,623	2.40% Coverage @ 1.5%	
Local Programs													
Residential High Efficiency Toilet (HET) Distribution Program	1,27,14	-	\$2,03,193	\$115,500	\$161,847	827	1,241	\$220	\$181,987	\$187,821	\$192,329	\$197,137 Coverage @ 2%	
CII Adult Report	5, 9	-	\$4,000	-	\$4,000	10	1,241	\$2,000	\$20,000	\$20,540	\$21,135	\$21,164 10 Audits	
Industrial Water Brochure	5, 9	-	\$28,376	\$271	\$14,324	49	1,241	\$229	\$91	\$94	\$96	\$99 Coverage @ 1%	
Water Conservation Kits	2	-	\$4,329	\$4,375	\$4,352	827	1,241	\$8.75	\$7,239	\$7,470	\$7,649	\$7,841 Coverage @ 2%	
Residential Audit	1	-	-	-	-	-	-	-	-	-	-	-	
School Conservation Education Program	1,27,8	-	\$23,184	\$30,420	\$26,802	-	-	\$30,420	\$31,393	\$32,147	\$32,951	10,042 Students *	
Education/Public Outreach	1,27,8	\$20,744	\$42,815	\$32,590	\$32,050	\$1,00	\$6,765	\$48,283	\$49,421	\$50,556	\$51 Per Customer		
Misc. & Customer Promotional Items	7	\$3,809	\$12,936	\$12,333	\$9,693	-	-	\$10,000	\$0	\$0	\$0	Included in Education/Public Outreach	
CII Retrofit Program	5, 9	-	-	-	-	-	-	\$154,000	\$158,515	\$162,478	\$162,478 Estimated Cost		
Total		\$24,553	\$356,958	\$222,265	\$284,993			\$656,150	\$677,147	\$693,399	\$710,734		

**San Gabriel Valley Water Company
Los Angeles County Division
2010 GRC**

Water Saved

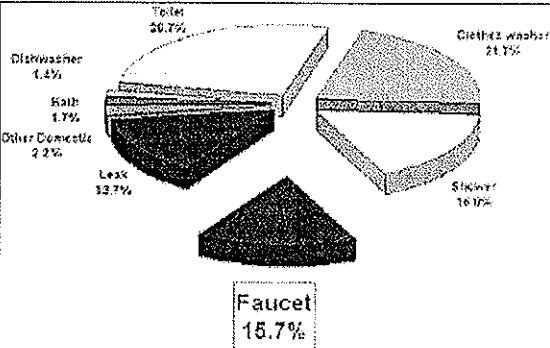
Water Conservation Program Description	Estimated Persons Per Household	Old Unit	New Unit	Saving	Duration	Uses Person/ Day	Saving Per Person/Day	Saving Per Household/ Day
High Efficiency Toilet (HET)	3.5	gpf	1	gpf	2.5	5	12.5	43.75
Ultra Low Flush Toilet	3.5	gpf	2	gpf	1.5	5	7.5	26.25
High Efficiency Washer (HEW)	40.9	gpf	24.3	gpf	16.6	0.34	5.644	19.754
Zero Water Urinal	2.5	gpf	0	gpf	2.5	0.34	0.85	2.975
Conservation Kits								
Low Flow Aerator - Bathroom	2.5	gpm	1.5	gpm	1.0	1.0	5	17.5
Low Flow Aerator - Kitchen	3.5	gpm	1.5	gpm	2.0	4.0	2	56
Low Flow Showerhead	3.5	gpm	1.5	gpm	2.0	5.0	1	35

TOUR | TAKE ACTION | RESOURCES | LATEST NEWS | ABOUT US | SEARCH
A graphic-based tool to navigate around the house for info

Tour > Bath > Faucet > Faucet Water Use HELP ME!

Faucet Water Use

 Print Page



	National Average*
Daily Per Capita Use	10.9 gallons
Avg. Faucet Flow Rate	1.3 gallons per minute
Daily Per Capita Faucet Use Duration	8.1 minutes

*Mayer, et. al. 1999

BATH

Faucet

- Best Ways to Save & Drought Tips
- Water Use
- Water Savings
- Wastewater Savings
- Energy Savings
- Benefits & Costs
- Environmental Benefits
- Regulations & Policies
- Future Trends
- Research
- Maintenance
- Leak Detection
- Repair
- Purchase Tips
- Where to Get
- Incentives or Rebates
- Installation Tips

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A graphic-based tool to navigate around the house for info

Tour > Laundry > Clothes Washer > Clothes Washer Water Use

Print Page

	National Average*
Clothes Washer Load Volume	40.9 gallons
Daily Per Capita Use	15.0 gallons
Frequency of Use	0.37 loads per capita per day

*Mayer, et. al. 1999

LAUNDRY

Clothes Washer

- Best Ways to Save & Drought Tips
- Water Use
- Water Savings
- Wastewater Savings
- Energy Savings
- Benefits & Costs
- Environmental Benefits
- Regulations & Policies
- Future Trends
- Research
- Maintenance
- Purchase Tips
- Where to Get
- Incentives or Rebates
- Installation Tips
- Disposal & Recycling

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A graphic-based tool to navigate around the house for info

Tour > Bath > Toilet > Toilet Water Use

HELP ME!

Toilet Water Use

Print Page

Fixture	Percentage
Toilet	26.7%
Clothes washer	21.7%
Shower	16.8%
Lawn	13.7%
Other Domestic	2.9%
Dishwasher	1.7%
Bath	1.4%

Figure 1: National indoor per capita use percent by fixture (Mayer, et. al. 1999)

BATH

Toilet

- Best Ways to Save & Drought Tips
- Water Use
- Water Savings
- Wastewater Savings
- Benefits & Costs
- Environmental Benefits
- Regulations & Policies
- Future Trends
- Research
- Maintenance
- Leak Detection
- Repair
- Purchase Tips
- Where to Get
- Incentives or Rebates
- Installation Tips
- Disposal & Recycling

Table 1: Toilet water use rates, non-conserving and conserving homes

	Non-Conserving Homes Average	Conserving Homes	Difference
Flush Volume	3.61 gal. per flush	1.54 gal. per flush	-2.07 gal.
Daily Per Capita Use	18.8 gallons	9.1 gallons	-9.7 gallons
Flushes Per Capita Per Day	5.17 flushes	5.46 flushes	0.29 flushes/day

Source: DeOreo, et. al. 2001

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A graphic-based tool to navigate around the house for info

Tour > Kitchen > Faucet > Faucet Water Use

Faucet Water Use

Print Page

	National Average*
Daily Per Capita Use	10.9 gallons
Avg. Faucet Flow Rate	1.3 gallons per minute
Daily Per Capita Faucet Use Duration	8.1 minutes

*Mayer, et. al. 1999

KITCHEN

Faucet

- Best Ways to Save & Drought Tips
- Water Use
- Water Savings
- Wastewater Savings
- Energy Savings
- Benefits & Costs
- Environmental Benefits
- Regulations & Policies
- Future Trends
- Research
- Maintenance
- Leak Detection
- Repair
- Purchase Tips
- Where to Get
- Incentives or Rebates
- Installation Tips

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WaterSense

An EPA
Partnership
Program

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WaterSense Products Showerheads

[Share](#)[Become a fan](#)

Showerheads

Showering is one of the leading ways we use water in the home, accounting for nearly 17 percent of residential indoor water use, or about 30 gallons per household per day. That's nearly 1.2 trillion gallons of water used in the United States annually just for showering, or enough to supply the water needs of New York and New Jersey for a year!

A Shower of Savings

The average household could save more than 2,300 gallons per year by installing WaterSense labeled showerheads. Since these water savings will reduce demands on water heaters, households will also save energy. In fact, a household could save 300 kilowatt hours of electricity annually, enough to power its television use for about a year. If every household in the United States installed WaterSense labeled showerheads, we could save more than \$1.5 billion in water utility bills and more than 250 billion gallons of water annually, which could supply more than 2.5 million U.S. homes with their water needs for a year. In addition, we could avoid about \$2.5 billion in energy costs for heating water.



- [Showerheads](#)
- [Toilets](#)
- [Bathroom Sink Faucets](#)
- [Urinals](#)
- [In the Pipeline](#)
- [Pre-rinse Spray Valves](#)
- [Landscape Irrigation Controllers](#)
- [Rebates](#)

DID YOU KNOW?

WaterSense labeled showerheads are **tested** and **certified** to ensure performance.

[Learn more](#)

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[Information for Commercial Education, Government Professional and more.](#)

The WaterSense Label

All products bearing the [WaterSense label](#) must be tested and certified by an approved third party laboratory to ensure they meet EPA water efficiency and performance criteria.

Did you know that standard showerheads use 2.5 gallons of water per minute (gpm)? Showerheads that earn the [WaterSense label](#) must demonstrate that they use no more than 2.0 gpm. The WaterSense label also ensures that these products provide a satisfactory shower that is equal to or better than conventional showerheads on the market.

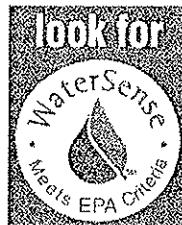
Performance Is Key

As with all [WaterSense specifications](#), EPA included performance criteria to ensure that consumers will not have to sacrifice a good shower in order to achieve water savings. EPA worked with a variety of stakeholders—including consumers who tested various showerheads—to develop criteria for water coverage and spray intensity. Independent laboratories test showerheads for these attributes before certifying them

to earn the WaterSense label.

Look for the Label

Whether you are replacing an older, inefficient showerhead or simply looking for ways to reduce water use and utility bills in your home, look for the WaterSense label on showerheads along with faucets, faucet accessories, and toilets to help you identify models that save water and perform well.



For more information on how EPA worked with stakeholders to ensure satisfactory showerhead performance, please read [A New Reason to Sing in the Shower \(PDF\)](#) (3 pp, 280K, [About PDF](#)) in the February 2010 issue of the AWWA Journal. (Reprinted from Journal AWWA, Vol. 101, No. 2 (February 2010), by permission. Copyright (c) 2010, American Water Works Association. Permission to reproduce this document is granted for informational purposes only and does not represent or imply approval or endorsement by AWWA of any particular product or service.)

A [WaterSense Labeled Showerheads fact sheet](#) is also available in [PDF](#) (1 pp, 364K, [About PDF](#)).

Technical Information

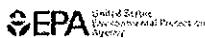
Are you a [manufacturer](#) or [retailer](#) or [distributor](#) interested in learning more about WaterSense labeled showerheads? Please visit the [Showerheads Specification](#) page for more information.

Helpline: (866) WTR-SENS (987-7367) [Contact Us](#) [Office of Water](#)

WaterSense, U.S. Environmental Protection Agency, Office of Wastewater Management (4204M), 1200 Pennsylvania Avenue, N.W. Washington, D.C. 20460

<http://www.epa.gov/watersense/products/showerheads.html>

Last updated on Thursday, April 22, 2010


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WaterSense Products Toilets

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Toilets

Toilets are by far the main source of water use in the home, accounting for nearly 30 percent of an average home's indoor water consumption. Older, inefficient toilets also happen to be a major source of wasted water in many homes. Replacing these toilets with WaterSense labeled toilets could save nearly 2 billion gallons per day across the country—that's nearly 11 gallons per toilet in your home every day!

What Are WaterSense Labeled Toilets?

Recent advancements have allowed toilets to use 20 percent less water than the current federal standard, while still providing equal or superior performance. The WaterSense label is used on toilets that are certified by independent laboratory testing to meet rigorous criteria for both performance and efficiency. Only toilets that complete the third-party certification process can earn the WaterSense label.



- [Showerheads](#)
- [Toilets](#)
- [Bathroom Sink Faucets](#)
- [Urinals](#)
- [In the Pipeline](#)
- [Pre-rinse Spray Valves](#)
- [Landscape Irrigation Controllers](#)
- [Rebates](#)

DID YOU KNOW?

WaterSense labeled showerheads are **tested** and **certified** to ensure performance.

[Learn more](#)

How Much Can WaterSense Labeled Toilets Save?

Over the course of your lifetime, you will likely flush the toilet nearly 140,000 times. If you replace older, existing toilets with WaterSense labeled models, you can save 4,000 gallons per year with this simpler, greener choice.

And Price?

WaterSense labeled toilets are available at a wide variety of price points and a broad range of styles. EPA estimates that a family of four that replaces its home's older toilets with WaterSense labeled models will, on average, save more than \$90 per year in reduced water utility bills, and \$2,000 over the lifetime of the toilets. Additionally, in many areas, utilities offer rebates and vouchers that can lower the price of a WaterSense labeled toilet.

LOOK HERE

[Information for Commercial, Education, Government, Professional and more.](#)

Look for the WaterSense Label!

Whether remodeling a bathroom, starting construction of a new home, or simply replacing an old, leaky toilet that is wasting money and water, installing a WaterSense

labeled toilet is a high-performance, water-efficient option worth considering. If every American home with older, inefficient toilets replaced them with new WaterSense labeled toilets, we would save nearly 640 billion gallons of water per year, equal to more than two weeks of flow over Niagara Falls!

A [WaterSense Labeled Toilet Factsheet](#) is also available in [PDF](#) (1 pp, 187K, [About PDF](#)).



Technical Information

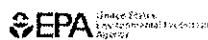
Are you a manufacturer interested in labeling your high-efficiency toilet, or a retailer or distributor interested in selling WaterSense labeled toilets? Please visit the [Final Specification for Toilets](#) page for more detailed information.

Helpline: (866) WTR-SENS (987-7367) [Contact Us](#) [Office of Water](#)

WaterSense, U.S. Environmental Protection Agency, Office of Wastewater Management (4204M), 1200 Pennsylvania Avenue, N.W. Washington, D.C. 20460

<http://www.epa.gov/watersense/products/toilets.html>

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WaterSense Products Bathroom Sink Faucets and Accessories

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Bathroom Sink Faucets & Accessories

Most of us know we can save water if we turn off the tap while brushing our teeth (as much as 3,000 gallons per year!), but did you know that there are products that will help save water when you turn on the tap too? [WaterSense labeled faucets and faucet accessories](#) (such as aerators) are high-performing, water-efficient fixtures that will help you reduce water use in your home and save money on water bills.

Faucet Flows

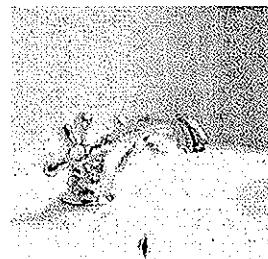
Faucets account for more than 15 percent of indoor household water use—more than 1 trillion gallons of water across the United States each year. [WaterSense labeled bathroom sink faucets and accessories](#) can reduce a sink's water flow by 30 percent or more without sacrificing performance. We could save billions of gallons each year by retrofitting the country's 222 million bathroom sink faucets with models that have earned the [WaterSense Label](#).

All products bearing the WaterSense label complete a third-party certification process that includes independent laboratory testing to ensure they meet EPA criteria. Faucets and faucet accessories—products that can be attached easily to existing faucets to save water—that obtain the WaterSense label will have demonstrated both water efficiency and the ability to provide adequate flow.

WaterSense Savings

By installing [WaterSense labeled bathroom sink faucets or faucet accessories](#), an average household can save more than 500 gallons each year. Also, since these water savings will reduce demands on water heaters, households will also save energy. Achieving these savings can be as easy as twisting on a WaterSense labeled aerator, which can cost as little as a few dollars. If every household in the United States installed WaterSense labeled bathroom sink faucets or faucet accessories, we could save more than \$350 million in water utility bills and more than 60 billion gallons of water annually—enough to meet public water demand in Miami for more than 150 days! In addition, U.S. homes could avoid about \$600 million in energy costs for heating water.

Look for the WaterSense Label!



- [Showerheads](#)
- [Toilets](#)
- [Bathroom Sink Faucets](#)
- [Urinals](#)
- [In the Pipeline](#)
- [Pre-rinse Spray Valves](#)
- [Landscape Irrigation Controllers](#)
- [Rebates](#)

DID YOU KNOW?

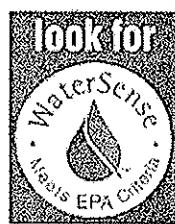
WaterSense labeled showerheads are **tested** and **certified** to ensure performance.

[Learn more](#)

LOOK HERE

[Information for Commercial, Education, Government, Professional and more.](#)

Whether replacing an older, inefficient faucet that's wasting water and money, or simply looking for options to reduce water use in your home, choose a [WaterSense labeled bathroom sink faucet or faucet accessory](#). The next time you wash your hands or brush your teeth, you'll know that you're doing your part to help protect our precious water resources.



A [WaterSense Labeled Bathroom Faucet Factsheet](#) is also available in [PDF](#) (1 pp, 173K, [About PDF](#)).

Technical Information

Are you a manufacturer or retailer or distributor interested in finding out more about the high-efficiency bathroom sink faucet specification? Please visit the [Final Specification for Bathroom Sink Faucets](#) page for more detailed information.

Helpline: (866) WTR-SENS (987-7367) [Contact Us](#) [Office of Water](#)

WaterSense, U.S. Environmental Protection Agency, Office of Wastewater Management (4204M), 1200 Pennsylvania Avenue, N.W. Washington, D.C. 20460

http://www.epa.gov/watersense/products/bathroom_sink_faucets.html

Last updated on Thursday, April 22, 2010

APPENDIX P

WATER SHORTAGE CONTINGENCY RESOLUTION

SAN GABRIEL VALLEY WATER COMPANY

RESOLUTION OF THE BOARD OF DIRECTORS
ADOPTED JANUARY 3, 2006

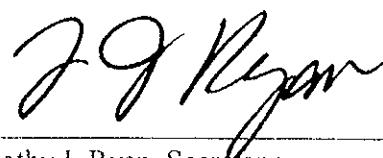
WHEREAS, Provisions of the Urban Water Management Planning Act, Water Code Sections 10610 through 10656 ("Act"), require certain water suppliers such as San Gabriel Valley Water Company to prepare, review, adopt, and submit to the State of California Department of Water Resources, the California State Library, and each city and county within which the Corporation provides water supplies, an Urban Water Management Plan and Water Shortage Contingency Plan and, when necessary, amendments and updates thereto as provided by the Act;

NOW THEREFORE BE IT RESOLVED, That the Urban Water Management Plan and Water Shortage Contingency Plan, as updated and amended, prepared by San Gabriel Valley Water Company and upon which Public Hearings were duly held in accordance with the provisions of the Act, be and the same is hereby adopted as of December 31, 2005; and

RESOLVED FURTHER, That the officers of this corporation are instructed to cause copies of the Urban Water Management Plan and Water Shortage Contingency Plan, as updated and amended, and which is hereby adopted as of December 31, 2005, to be delivered to the State of California Department of Water Resources, the California State Library, and each city and county within which the Corporation provides water supplies.

I, Timothy J. Ryan, Secretary of San Gabriel Valley Water Company, do hereby certify that the foregoing resolution is a full, true, and correct copy of a resolution duly adopted by unanimous vote at the meeting of the Board of Directors of said Corporation held on January 3, 2006.

Dated: January 12, 2006



Timothy J. Ryan, Secretary
San Gabriel Valley Water Company

APPENDIX Q
COMPLETED PLAN CHECKLIST

Table I-2 Urban Water Management Plan checklist, organized by subject

No.	UWMP requirement ^a	Calif. Water Code reference	Additional clarification	UWMP location
CONTINGENCY^b				
35	Provide an urban water shortage contingency analysis that specifies stages of action, including up to a 50-percent water supply reduction, and an outline of specific water supply conditions at each stage	10632(a)		
36	Provide an estimate of the minimum water supply available during each of the next three water years based on the driest three-year historic sequence for the agency's water supply.	10632(b)		
37	Identify actions to be undertaken by the urban water supplier to prepare for, and implement during, a catastrophic interruption of water supplies including, but not limited to, a regional power outage, an earthquake, or other disaster.	10632(c)		
38	Identify additional, mandatory prohibitions against specific water use practices during water shortages, including, but not limited to, prohibiting the use of potable water for street cleaning.	10632(d)		
39	Specify consumption reduction methods in the most restrictive stages. Each urban water supplier may use any type of consumption reduction methods in its water shortage contingency analysis that would reduce water use, are appropriate for its area, and have the ability to achieve a water use reduction consistent with up to a 50 percent reduction in water supply.	10632(e)		
40	Indicated penalties or charges for excessive use, where applicable.	10632(f)		
41	Provide an analysis of the impacts of each of the actions and conditions described in subdivisions (a) to (f), inclusive, on the revenues and expenditures of the urban water supplier, and proposed measures to overcome those impacts, such as the development of reserves and rate adjustments.	10632(g)		
42	Provide a draft water shortage contingency resolution or ordinance.	10632(h)		
43	Indicate a mechanism for determining actual reductions in water use pursuant to the urban water shortage contingency analysis.	10632(i)		
DMMs				
26	Describe how each water demand management measures is being implemented or scheduled for implementation. Use the list provided.	10631(f)(1)	Discuss each DMM, even if it is not currently or planned for implementation. Provide any appropriate schedules.	

No.	UWMP requirement ^a	Calif. Water Code reference	Additional clarification	UWMP location
27	Describe the methods the supplier uses to evaluate the effectiveness of DMMs implemented or described in the UWMP.	10631(f)(3)		
28	Provide an estimate, if available, of existing conservation savings on water use within the supplier's service area, and the effect of the savings on the ability to further reduce demand.	10631(f)(4)		
29	Evaluate each water demand management measure that is not currently being implemented or scheduled for implementation. The evaluation should include economic and non-economic factors, cost-benefit analysis, available funding, and the water suppliers' legal authority to implement the work.	10631(g)	See 10631(g) for additional wording.	
32	Include the annual reports submitted to meet the Section 6.2 requirements, if a member of the CUWCC and signer of the December 10, 2008 MOU.	10631(j)	Signers of the MOU that submit the biannual reports are deemed compliant with Items 28 and 29.	
EXTERNAL COORDINATION AND OUTREACH				
4	Coordinate the preparation of its plan with other appropriate agencies in the area, including other water suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.	10620(d)(2)		
6	Notify, at least 60 days prior to the public hearing on the plan required by Section 10642, any city or county within which the supplier provides water that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan. Any city or county receiving the notice may be consulted and provide comments.	10621(b)		
7	Provide supporting documentation that the UWMP or any amendments to, or changes in, have been adopted as described in Section 10640 et seq.	10621(c)		
54	Provide supporting documentation that the urban water management plan has been or will be provided to any city or county within which it provides water, no later than 60 days after the submission of this urban water management plan.	10635(b)		
55	Provide supporting documentation that the water supplier has encouraged active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan.	10642		
56	Provide supporting documentation that the urban water supplier made the plan available for public inspection and held a public hearing about the	10642		

No.	UWMP requirement ^a	Calif. Water Code reference	Additional clarification	UWMP location
57	Provide supporting documentation that the plan has been adopted as prepared or modified.	10642		
58	Provide supporting documentation as to how the water supplier plans to implement its plan.	10643		
59	Provide supporting documentation that, in addition to submittal to DWR, the urban water supplier has submitted this UWMP to the California State Library and any city or county within which the supplier provides water supplies a copy of its plan no later than 30 days after adoption. This also includes amendments or changes.	10644(a)		
60	Provide supporting documentation that, not later than 30 days after filing a copy of its plan with the department, the urban water supplier has or will make the plan available for public review during normal business hours	10645		
RECYCLED WATER				
44	Provide information on recycled water and its potential for use as a water source in the service area of the urban water supplier. Coordinate with local water, wastewater, groundwater, and planning agencies that operate within the supplier's service area.	10633		
45	Describe the wastewater collection and treatment systems in the supplier's service area, including a quantification of the amount of wastewater collected and treated and the methods of wastewater disposal.	10633(a)		
46	Describe the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.	10633(b)		
47	Describe the recycled water currently being used in the supplier's service area, including, but not limited to, the type, place, and quantity of use.	10633(c)		
48	Describe and quantify the potential uses of recycled water, including, but not limited to, agricultural irrigation, landscape irrigation, wildlife habitat enhancement, wetlands, industrial reuse, groundwater recharge, indirect potable reuse, and other appropriate uses, and a determination with regard to the technical and economic feasibility of serving those uses.	10633(d)		

No.	UWMP requirement ^a	Calif. Water Code reference	Additional clarification	UWMP location
49	The projected use of recycled water within the supplier's service area at the end of 5, 10, 15, and 20 years, and a description of the actual use of recycled water in comparison to uses previously projected.	10633(e)		
50	Describe the actions, including financial incentives, which may be taken to encourage the use of recycled water, and the projected results of these actions in terms of acre-feet of recycled water used per year.	10633(f)		
51	Provide a plan for optimizing the use of recycled water in the supplier's service area, including actions to facilitate the installation of dual distribution systems, to promote recirculating uses, to facilitate the increased use of treated wastewater that meets recycled water standards, and to overcome any obstacles to achieving that increased use.	10633(g)		
RELIABILITY				
22	Describe the reliability of the water supply and vulnerability to seasonal or climatic shortage and provide data for (A) an average water year, (B) a single dry water year, and (C) multiple dry water years.	10631(c)(1)		
23	For any water source that may not be available at a consistent level of use - given specific legal, environmental, water quality, or climatic factors - describe plans to supplement or replace that source with alternative sources or water demand management measures, to the extent practicable.	10631(c)(2)		
53	Assess the water supply reliability during normal, dry, and multiple dry water years by comparing the total water supply sources available to the water supplier with the total projected water use over the next 20 years, in five-year increments, for a normal water year, a single dry water year, and multiple dry water years. Base the assessment on the information compiled under Section 10631, including available data from state, regional, or local agency population projections within the service area of the urban water supplier.	10635(a)		
SERVICE AREA				
8	Describe the water supplier service area.	10631(a)		
9	Describe the climate and other demographic factors of the service area of the supplier	10631(a)		
10	Indicate the current population of the service area	10631(a)	Provide the most recent population data possible. Use the method described in	

No.	UWMP requirement ^a	Calif. Water Code reference	Additional clarification	UWMP location
11	Provide population projections for 2015, 2020, 2025, and 2030, based on data from State, regional, or local service area population projections.	10631(a)	"Baseline Daily Per Capita Water Use". See Section M. 2035 and 2040 can also be provided to support consistency with Water Supply Assessments and Written Verification of Water Supply documents.	
12	Describe other demographic factors affecting the supplier's water management planning.	10631(a)		
	WATER CONSERVATION			
1	Provide baseline daily per capita water use, urban water use target, interim urban water use target, and compliance daily per capita water use, along with the bases for determining those estimates, including references to supporting data.	10608.20(e)		
	Include an assessment of present and proposed future measures, programs, and policies to help achieve the water use reductions.	10608.36		
3	Report progress in meeting urban water use targets using the standardized form.	10608.40		
	WATER DEMANDS			
25	Quantify past, current, and projected water use, identifying the uses among water use sectors, for the following: (A) single-family residential, (B) multifamily, (C) commercial, (D) industrial, (E) institutional and governmental, (F) landscape, (G) sales to other agencies, (H) saline water intrusion barriers, groundwater recharge, conjunctive use, and (I) agriculture.	10631(e)(1)	Consider past to be 2005, present to be 2010, and projected to be 2015, 2020, 2025, and 2030. Provide numbers for each category for each of these years.	
34	Include projected water use for single-family and multifamily residential housing needed for lower income households, as identified in the housing element of any city, county, or city and county in the service area of the supplier.	10631.1(a)		
	WATER SUPPLY			
5	Describe water management tools and options to maximize resources and minimize the need to import water from other regions.	10620(f)		
13	Identify and quantify the existing and planned sources of water available for 2015, 2020, 2025, and 2030.	10631(b)	The 'existing' water sources should be for the same year as the "current population" in line	

No.	UWMP requirement ^a	Calif. Water Code reference	Additional clarification	UWMP location
14	Indicate whether groundwater is an existing or planned source of water available to the supplier. If yes, then complete 15 through 21 of the UWMP Checklist. If no, then indicate "not applicable" in lines 15 through 21 under the UWMP location column.	10631(b)	Source classifications are: surface water, groundwater, recycled water, storm water, desalinated sea water, desalinated brackish groundwater, and other.	10. 2035 and 2040 can also be provided.
15	Indicate whether a groundwater management plan been adopted by the water supplier or if there is any other specific authorization for groundwater management. Include a copy of the plan or authorization.	10631(b)(1)		
16	Describe the groundwater basin.	10631(b)(2)		
17	Indicate whether the groundwater basin is adjudicated? Include a copy of the court order or decree.	10631(b)(2)		
18	Describe the amount of groundwater the urban water supplier has the legal right to pump under the order or decree. If the basin is not adjudicated, indicate "not applicable" in the UWMP location column.	10631(b)(2)		
19	For groundwater basins that are not adjudicated, provide information as to whether DWR has identified the basin or basins as overdrafted or has projected that the basin will become overdrafted if present management conditions continue, in the most current official departmental bulletin that characterizes the condition of the groundwater basin, and a detailed description of the efforts being undertaken by the urban water supplier to eliminate the long-term overdraft condition. If the basin is adjudicated, indicate "not applicable" in the UWMP location column.	10631(b)(2)		
20	Provide a detailed description and analysis of the location, amount, and sufficiency of groundwater pumped by the urban water supplier for the past five years	10631(b)(3)		
21	Provide a detailed description and analysis of the amount and location of groundwater that is projected to be pumped.	10631(b)(4)	Provide projections for 2015, 2020, 2025, and 2030.	
24	Describe the opportunities for exchanges or transfers of water on a short-term or long-term basis.	10631(d)		
30	Include a detailed description of all water supply projects and programs that may be undertaken by the water supplier to address water supply reliability in average, single-dry, and multiple-dry years, excluding demand management programs addressed in (f)(1). Include specific projects,	10631(h)		

No.	UWMP requirement ^a	Calif. Water Code reference	Additional clarification	UWMP location
31	Describe desalinated water project opportunities for long-term supply, including, but not limited to, ocean water, brackish water, and groundwater.	10631(i)		
33	Provide documentation that either the retail agency provided the wholesale agency with water use projections for at least 20 years, if the UWMP agency is a retail agency, OR, if a wholesale agency, it provided its urban retail customers with future planned and existing water source available to it from the wholesale agency during the required water-year types	10631(k)	Average year, single dry year, multiple dry years for 2015, 2020, 2025, and 2030.	
52	Provide information, to the extent practicable, relating to the quality of existing sources of water available to the supplier over the same five-year increments, and the manner in which water quality affects water management strategies and supply reliability	10634	For years 2010, 2015, 2020, 2025, and 2030	

- a The UWMP Requirement descriptions are general summaries of what is provided in the legislation. Urban water suppliers should review the exact legislative wording prior to submitting its UWMP.
- b The Subject classification is provided for clarification only. A water supplier is free to address the UWMP Requirement anywhere with its UWMP, but is urged to provide clarification to DWR to facilitate review for completeness.